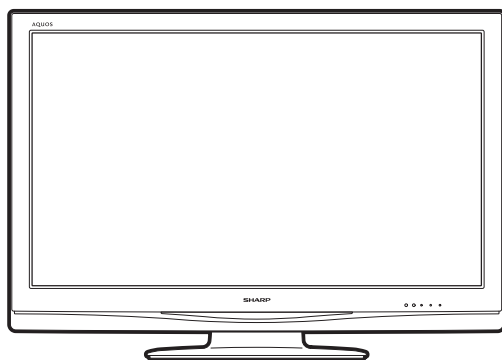


SHARP SERVICE MANUAL



No. S18D7LC37D44U

LCD COLOR TELEVISION

MODEL LC-37D44U

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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Parts Guide

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SAFETY PRECAUTION

IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

■WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.

F7101 (250V 6.3A)

F7102 (250V 1A)

■BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

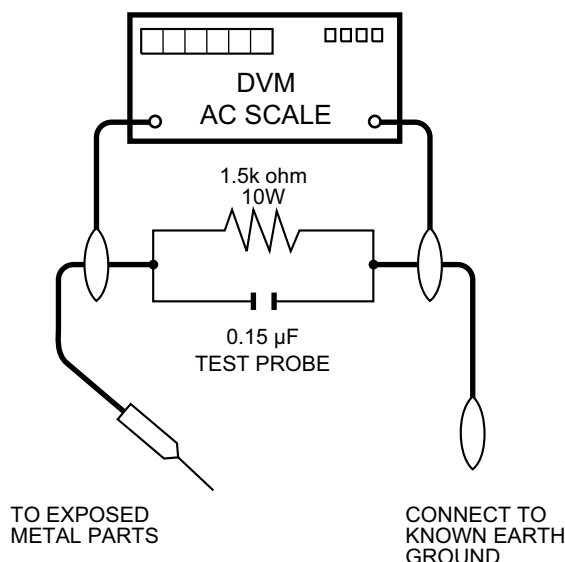
Before returning the receiver to the user, perform the following safety checks:

3. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
4. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
5. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 120 volt AC outlet.
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.75 Vrms (this corresponds to 0.5 mA rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD color television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the Replacement Parts List and Schematic Diagrams.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ Ne peut effectuer la réparation qu'un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

■ AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.

PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE

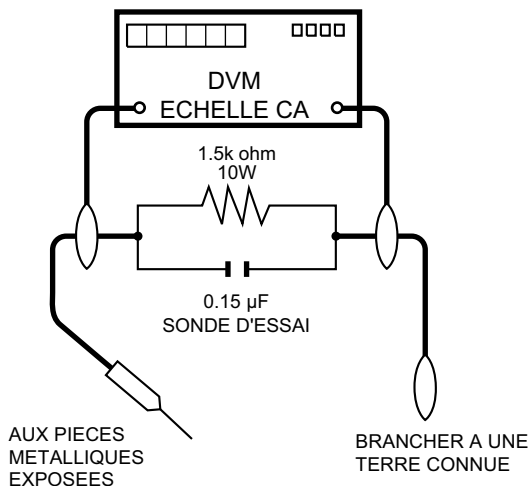
F7101 (250V 6.3A)
F7102 (250V 1A)

■ VERIFICATIONS CONTRE L'INCENDIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

3. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
4. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistancecapacité, les isolateurs mécaniques, etc.
5. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la façon suivante:
 - Brancher le cordon d'alimentation directement à une prise de courant de 120V. (Ne pas utiliser de transformateur d'isolation pour cet essai).

- A l'aide de deux fils à pinces, brancher une résistance de 1.5 k Ω 10 watts en parallèle avec un condensateur de 0.15 μ F en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.
- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000 Ω /V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adaptation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
La tension de pointe mesurée ne doit pas dépasser 0.75V (correspondante au courant CA de pointe de 0.5mA). Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseur ACL présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.

Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque "⚡" et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.

Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

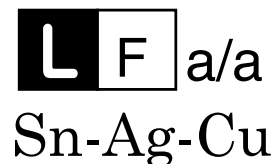
PRECAUTIONS FOR USING LEAD-FREE SOLDER**■Employing lead-free solder**

- “PWBs” of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:



Indicates lead-free solder of tin, silver and copper.



Indicates lead-free solder of tin, silver and copper.

■Using lead-free wire solder

- When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40 °C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

■Soldering

- As the melting point of lead-free solder (Sn-Ag-Cu) is about 220 °C which is higher than the conventional lead solder by 40 °C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

- Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

| PARTS CODE | PRICE RANK | PART DELIVERY | DESCRIPTION |
|---------------|------------|---------------|---------------------|
| ZHNDai123250E | BL | J | φ0.3mm 250g (1roll) |
| ZHNDai126500E | BK | J | φ0.6mm 500g (1roll) |
| ZHNDai12801KE | BM | J | φ1.0mm 1kg (1roll) |

PRECAUTIONS IN SERVICING THE HDCP-KEY ROM

Applied part: HDCP-KEY ROM
IC8451 RH-IXC373WJQZY (updated ROM)

The HDCP-KEY ROM shall be protected and managed for its information inside. In servicing this ROM, therefore, take the following information protection/management measures.

- 1) When disposing of the component parts and PWBs, destruct the IC itself in a proper way.
(For repairing or replacing the component parts and PWBs as well as clearing those in stock)
- 2) In storing the component parts, protect and manage them against theft and disclosure.
(For storing the service parts, service units, etc.)

CHAPTER 1. SPECIFICATIONS

[1] SPECIFICATIONS

| Item | | | Model: LC-37D44U |
|-------------------------------------|--------------------|--|--|
| LCD panel | | | 37" screen size class Advanced Super View & BLACK TFT LCD (Diagonal Measurement : 37") |
| Resolution | | | 1,049,088 pixels (1,366 × 768) |
| TV Function | TV-standard (CCIR) | | American TV Standard ATSC/NTSC System |
| | Receiving Channel | VHF/UHF | VHF 2-13ch, UHF 14-69ch |
| | | CATV | 1-135ch (non-scrambled channel only) |
| | | Digital Terrestrial Broadcast (8VSB) | 2-69ch |
| | | Digital cable ^{*1} (64/256 QAM) | 1-135ch (non-scrambled channel only) |
| Audio multiplex | | BTSC System | |
| Audio out | | | 10W × 2 |
| Terminals | Rear | INPUT 1 | AV in, COMPONENT in |
| | | INPUT 2 | AV in, S-VIDEO in |
| | | INPUT 3 | COMPONENT in |
| | | INPUT 4 | HDMI in with HDCP |
| | | INPUT 5 | Audio in, HDMI in with HDCP |
| | | INPUT 6 | 15-pin mini D-sub female connector, Audio in (Ø 3.5 mm jack) |
| | | ANT/CABLE | 75 Ω Unbalance, F Type × 1 for Analog (VHF/UHF/CATV) and Digital (AIR/CABLE) |
| | | DIGITAL AUDIO OUTPUT | Optical Digital audio output × 1 (PCM/Dolby Digital) |
| | | OUTPUT | Audio out |
| | | SERVICE | Software update |
| OSD language | | | English/French/Spanish |
| Power Requirement | | | AC 120 V, 60 Hz |
| Power Consumption | | | 165 W (0.3 W Standby with AC 120V) |
| Weight | TV + stand | | 35.3 lbs./16.0 kg |
| | TV only | | 30.9 lbs./14.0 kg |
| Dimension ^{*2} (W × H × D) | TV + stand | | 35 ¹⁹ / ₃₂ × 25 ³ / ₃₂ × 9 ¹ / ₁₆ inch |
| | TV only | | 35 ¹⁹ / ₃₂ × 23 ¹ / ₃₂ × 3 ³ / ₄ inch |
| Operating temperature | | | + 32°F to + 104°F (0°C to + 40°C) |

^{*1} Emergency alert messages via Cable are unreceivable.

^{*2} The dimensional drawings are shown on the Spanish operation manual.

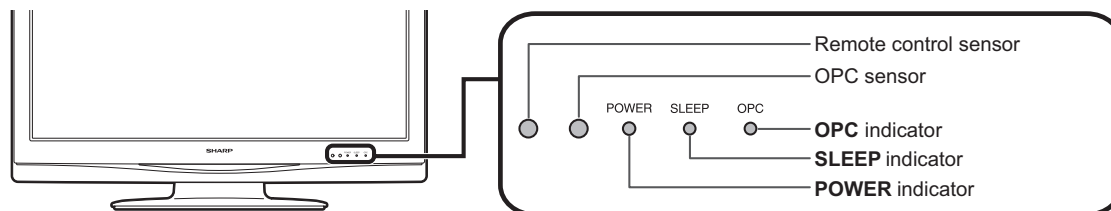
- As part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

CHAPTER 2. OPERATION MANUAL

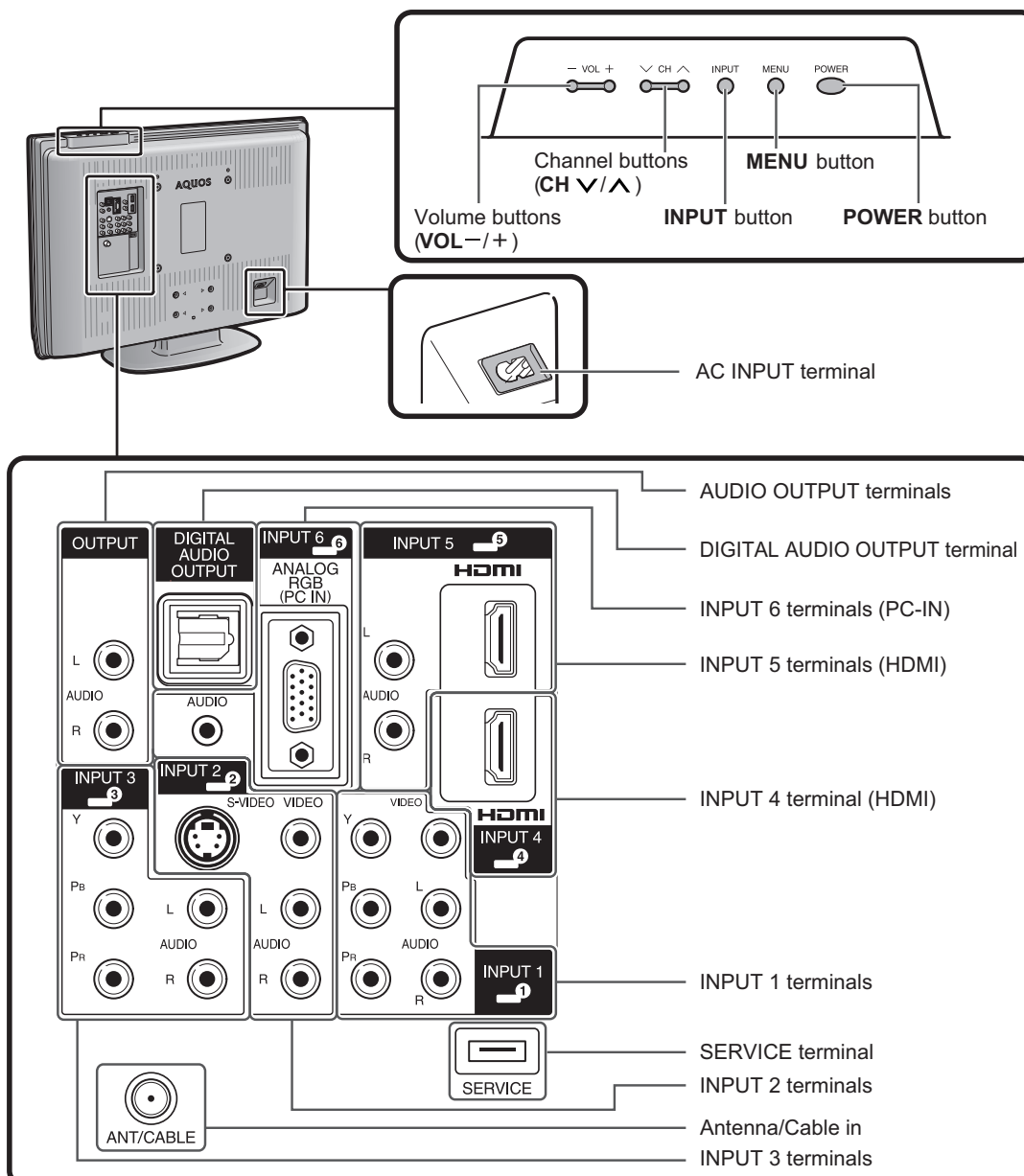
[1] OPERATION MANUAL

Part Names

TV (Front)

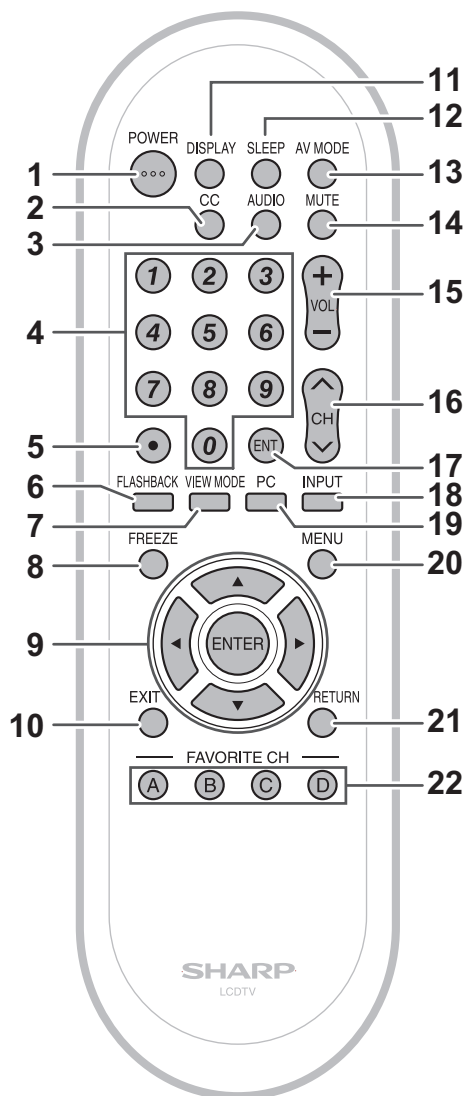


TV (Top/Rear)



Part Names

Remote Control Unit



- 1 **POWER:** Switch the TV power on or enters standby.
- 2 **CC:** Display captions from a closed-caption source.
- 3 **AUDIO:** Selects the MTS/SAP or the audio mode during multi-channel audio broadcasts.
- 4 **0-9:** Set the channel.
- 5 **• (DOT):**
- 6 **FLASHBACK:** Return to the previous channel or external input mode.
- 7 **VIEW MODE:** Select the screen size.
- 8 **FREEZE:** Set the still image. Press again to return to normal screen.
- 9 **▲ / ▼ / ◀ / ▶, ENTER:** Select a desired item on the screen.
- 10 **EXIT:** Turn off the menu screen.
- 11 **DISPLAY:** Display the channel information.
- 12 **SLEEP:** Set the sleep timer.
- 13 **AV MODE:** Select an audio or video setting.
(When the input source is TV, INPUT 1, 2 or 3: STANDARD, MOVIE, GAME, USER, DYNAMIC (Fixed), DYNAMIC. When the input source is INPUT 4, 5 or 6: STANDARD, MOVIE, GAME, PC, USER, DYNAMIC (Fixed), DYNAMIC)
- 14 **MUTE:** Mute the sound.
- 15 **VOL+/-:** Set the volume.
- 16 **CH ▲/▼:** Select the channel.
- 17 **ENT:** Jumps to a channel after selecting with the 0-9 buttons.
- 18 **INPUT:** Select a TV input source. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, INPUT 5, INPUT 6)
- 19 **PC:** Quickly access to PC mode.
- 20 **MENU:** Display the menu screen.
- 21 **RETURN:** Return to the previous menu screen.
- 22 **FAVORITE CH**
A, B, C, D: Select 4 preset favorite channels in 4 different categories.
While watching, you can toggle the selected channels by pressing A, B, C and D.

NOTE

- When using the remote control unit, point it at the TV.

QUICK REFERENCE

Attaching/Detaching the Stand

- Before attaching (or detaching) the stand, unplug the AC cord from the AC INPUT terminal.
- Before performing work spread cushioning over the base area to lay the TV on. This will prevent it from being damaged.

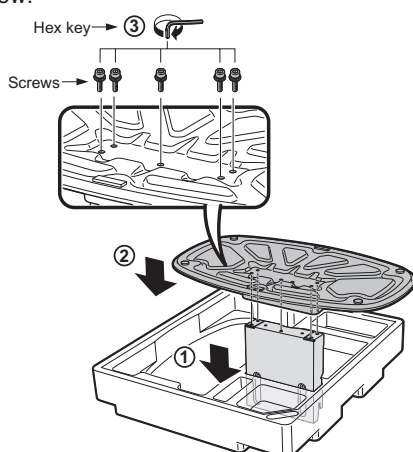
CAUTION

- Attach the stand in the correct direction.
- Do not remove the stand from the TV unless using an optional wall mount bracket to mount it.
- Be sure to follow the instructions. Incorrect installation of the stand may result in the TV falling over.

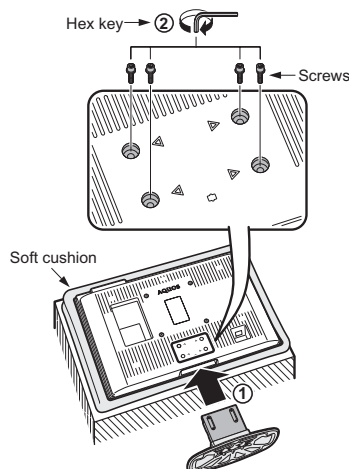
- 1 Confirm that there are 9 screws and a hex key supplied with the stand unit.



- 2 Attach the supporting post for the stand unit onto the base using the box for the stand unit as shown below.



- 3 ① Insert the stand into the openings on the bottom of the TV.
- ② Insert and tighten the 4 screws into the 4 holes on the rear of the TV.



NOTE

- To detach the stand, perform the steps in reverse order.

Setting the TV on the Wall

CAUTION

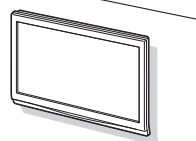
- This TV should be mounted on the wall only with the AN-37AG5 (SHARP) wall mount bracket. The use of other wall mount brackets may result in an unstable installation and may cause serious injuries.
- Installing the TV requires special skill that should only be performed by qualified service personnel. Customers should not attempt to do the work themselves. SHARP bears no responsibility for improper mounting or mounting that results in accident or injury.

Using an optional bracket to mount the TV

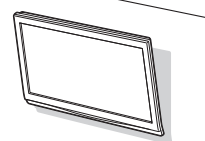
- You can ask a qualified service professional about using an optional AN-37AG5 bracket to mount the TV to the wall.
- Carefully read the instructions that come with the bracket before beginning work.

Hanging on the wall

AN-37AG5 wall mount bracket.
(See the bracket instructions for details.)

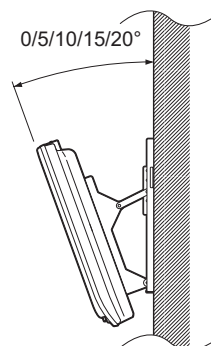


Vertical mounting



Angular mounting

About setting the TV angle



LC-37D44U

- The center of the display: 1/4 inch (6.0 mm) above the "A" position.
- Refer to the operation manual of AN-37AG5 for details.

NOTE

- Detach the cable clamp on the rear of the TV when using the optional mount bracket.
- Due to the terminal configuration on this TV, when you wall-mount this model, make sure there is enough space between the wall and the TV for the cables.
- To use this TV mounted on a wall, first remove the adhesive tape at the 4 locations on the rear of the TV, and then use the screws supplied with the wall mount bracket to secure the bracket to the rear of the TV.

Appendix

Troubleshooting

| Problem | Possible Solution |
|---|---|
| <ul style="list-style-type: none"> No power | <ul style="list-style-type: none"> Check if you pressed POWER on the remote control unit. If the indicator on the TV does not light up, press POWER on the TV. Is the AC cord disconnected? Has the power been turned on? |
| <ul style="list-style-type: none"> Unit cannot be operated. | <ul style="list-style-type: none"> External influences such as lightning, static electricity, may cause improper operation. In this case, operate the unit after first turning off the power of the TV or unplugging the AC cord and replugging it in after 1 or 2 minutes. |
| <ul style="list-style-type: none"> Remote control unit does not operate. | <ul style="list-style-type: none"> Are batteries inserted with polarity (+, -) aligned? Are batteries worn out? (Replace with new batteries.) Are you using it under strong or fluorescent lighting? Is a fluorescent light illuminated near the remote control sensor? |
| <ul style="list-style-type: none"> Picture is cut off/with sidebar screen. | <ul style="list-style-type: none"> Is the image position correct? Are screen mode adjustments such as picture size made correctly? |
| <ul style="list-style-type: none"> Strange color, light color, or color misalignment | <ul style="list-style-type: none"> Adjust the picture tone. Is the room too bright? The picture may look dark in a room that is too bright. Check the input signal setting. |
| <ul style="list-style-type: none"> Power is suddenly turned off. | <ul style="list-style-type: none"> Is the sleep timer set? Check the power control settings. The unit's internal temperature has increased. Remove any objects blocking vent or clean. |
| <ul style="list-style-type: none"> No picture | <ul style="list-style-type: none"> Is connection to other components correct? Is correct input signal source selected after connection? Is the correct input selected? Is picture adjustment correct? Is "On" selected in "Audio Only"? Is a non-compatible signal being input? |
| <ul style="list-style-type: none"> No sound | <ul style="list-style-type: none"> Is the volume too low? Is "Variable" selected in "Output Select"? Have you pressed MUTE on the remote control unit? |
| <ul style="list-style-type: none"> The TV sometimes makes a cracking sound. | <ul style="list-style-type: none"> This is not a malfunction. This happens when the cabinet slightly expands and contracts according to change in temperature. This does not affect the TV's performance. |

Troubleshooting-Digital Broadcasting

The error message about reception of broadcast

| The example of an error message displayed on a screen | Error code | Possible Solution |
|--|-------------|---|
| <ul style="list-style-type: none"> Failed to receive broadcast. | E202 | <ul style="list-style-type: none"> Check the antenna cable. Check that the antenna is correctly setup. |
| <ul style="list-style-type: none"> No broadcast now. | E203 | <ul style="list-style-type: none"> Check the broadcast time in the program guide. |

Cautions regarding use in high and low temperature environments

- When the unit is used in a low temperature space (e.g. room, office), the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.
- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the Liquid Crystal panel to malfunction.
Storage temperature: -4°F to +140°F (-20°C to +60°C)

PC Compatibility Chart

It is necessary to set the PC correctly to display XGA and WXGA signal.

| PC | Resolution | | Horizontal Frequency | Vertical Frequency | VESA Standard | |
|----|------------|------------|----------------------|--------------------|---------------|---|
| PC | VGA | 720 x 400 | 31.5 kHz | 70 Hz | — | * |
| | | 640 x 480 | 31.5 kHz | 60 Hz | O | |
| | | | 37.9 kHz | 72 Hz | O | |
| | | | 37.5 kHz | 75 Hz | O | |
| | SVGA | 800 x 600 | 35.1 kHz | 56 Hz | O | * |
| | | | 37.9 kHz | 60 Hz | O | |
| | | | 48.1 kHz | 72 Hz | O | |
| | | | 46.9 kHz | 75 Hz | O | |
| | XGA | 1024 x 768 | 48.4 kHz | 60 Hz | O | |
| | | | 56.5 kHz | 70 Hz | O | |
| | | | 60.0 kHz | 75 Hz | O | |
| | WXGA | 1360 x 768 | 47.7 kHz | 60 Hz | O | |

*These 3 formats are not supported by the analog RGB terminal.

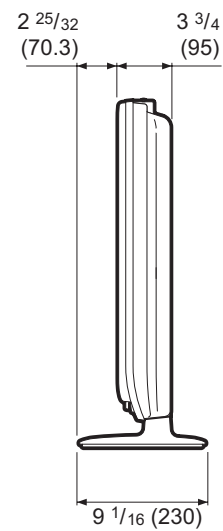
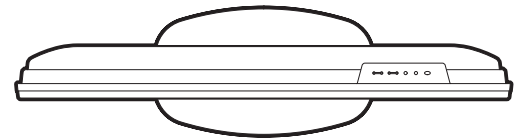
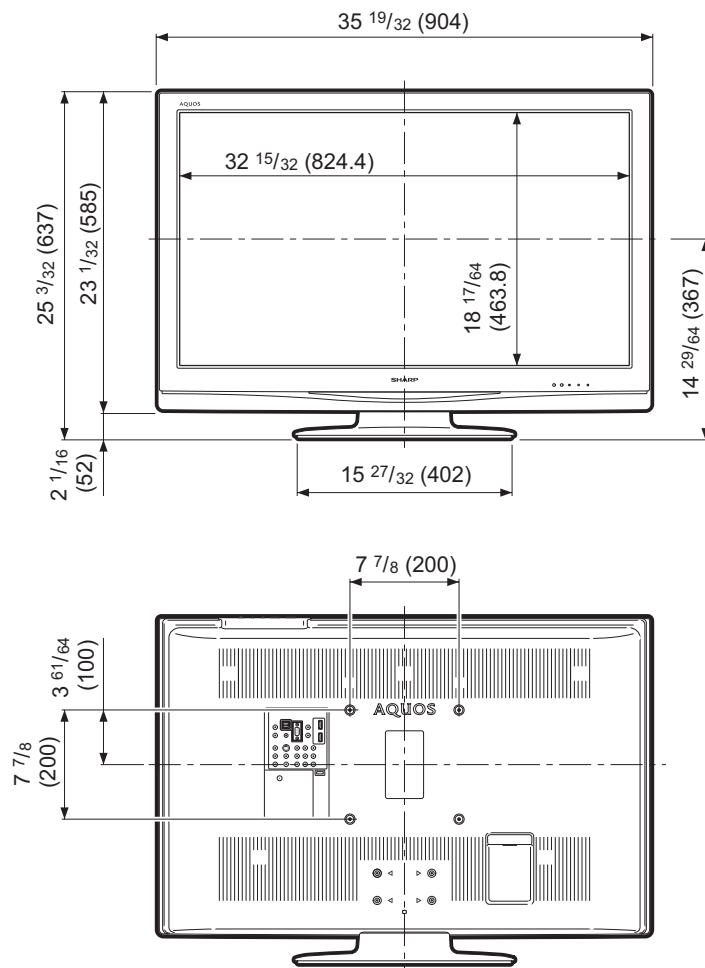
DDC is a registered trademark of Video Electronics Standards Association.
 Power Management is a registered trademark of Sun Microsystems, Inc.
 VGA and XGA are registered trademarks of International Business Machines Corp.

CHAPTER 3. DIMENSIONS

[1] DIMENSIONS

LC-37D44U

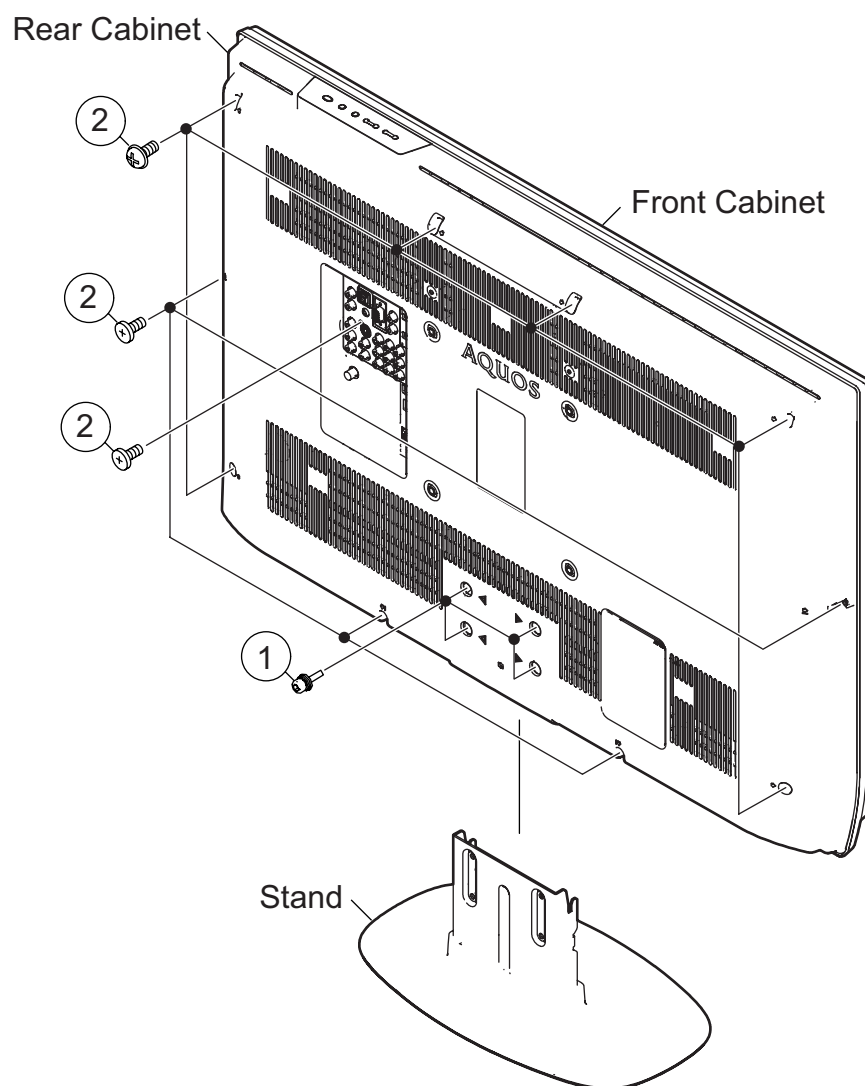
Unit: inch (mm)



CHAPTER 4. REMOVING OF MAJOR PARTS

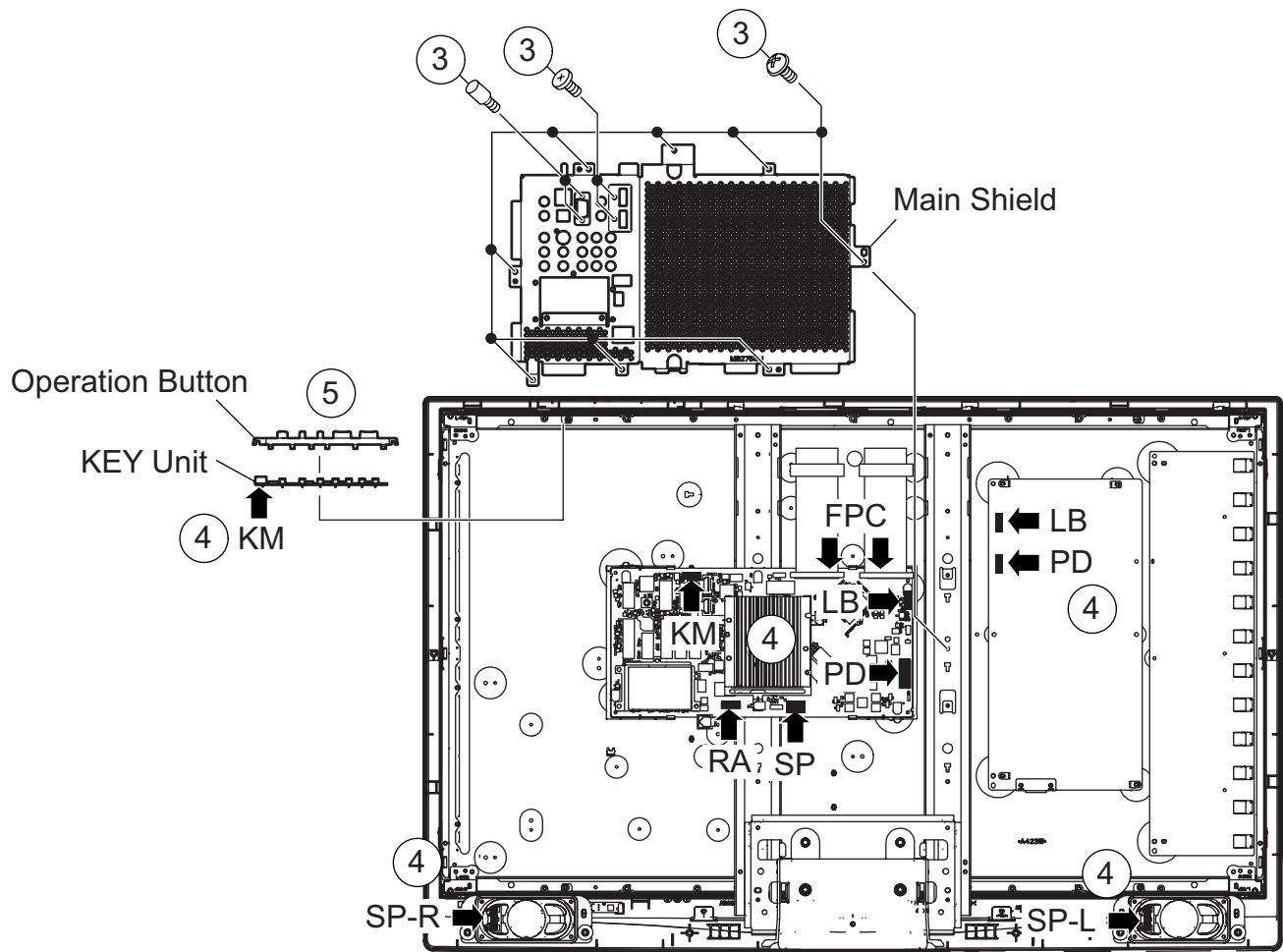
[1] REMOVING OF MAJOR PARTS

1. Remove the 4 lock screws and detach the Stand.
2. Remove the 1 lock screw, 4 lock screws, 6 lock screws and detach the Rear Cabinet.

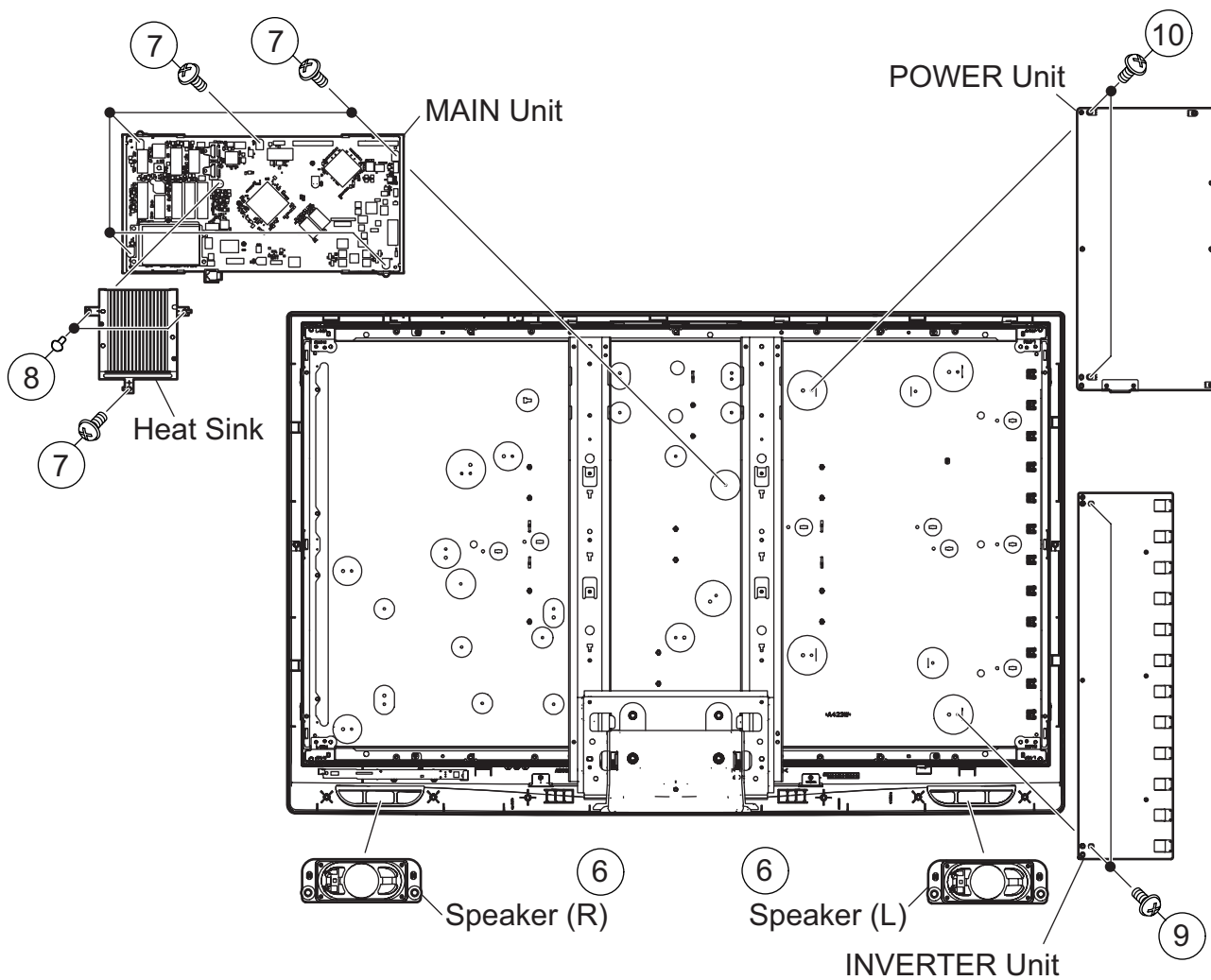


LC-37D44U

3. Remove the 8 lock screws, 2 lock screws, 2 lock shafts and detach the Main Shield.
4. Disconnect all the connectors from all the PWBs.
5. Remove the KEY Unit Ass'y.

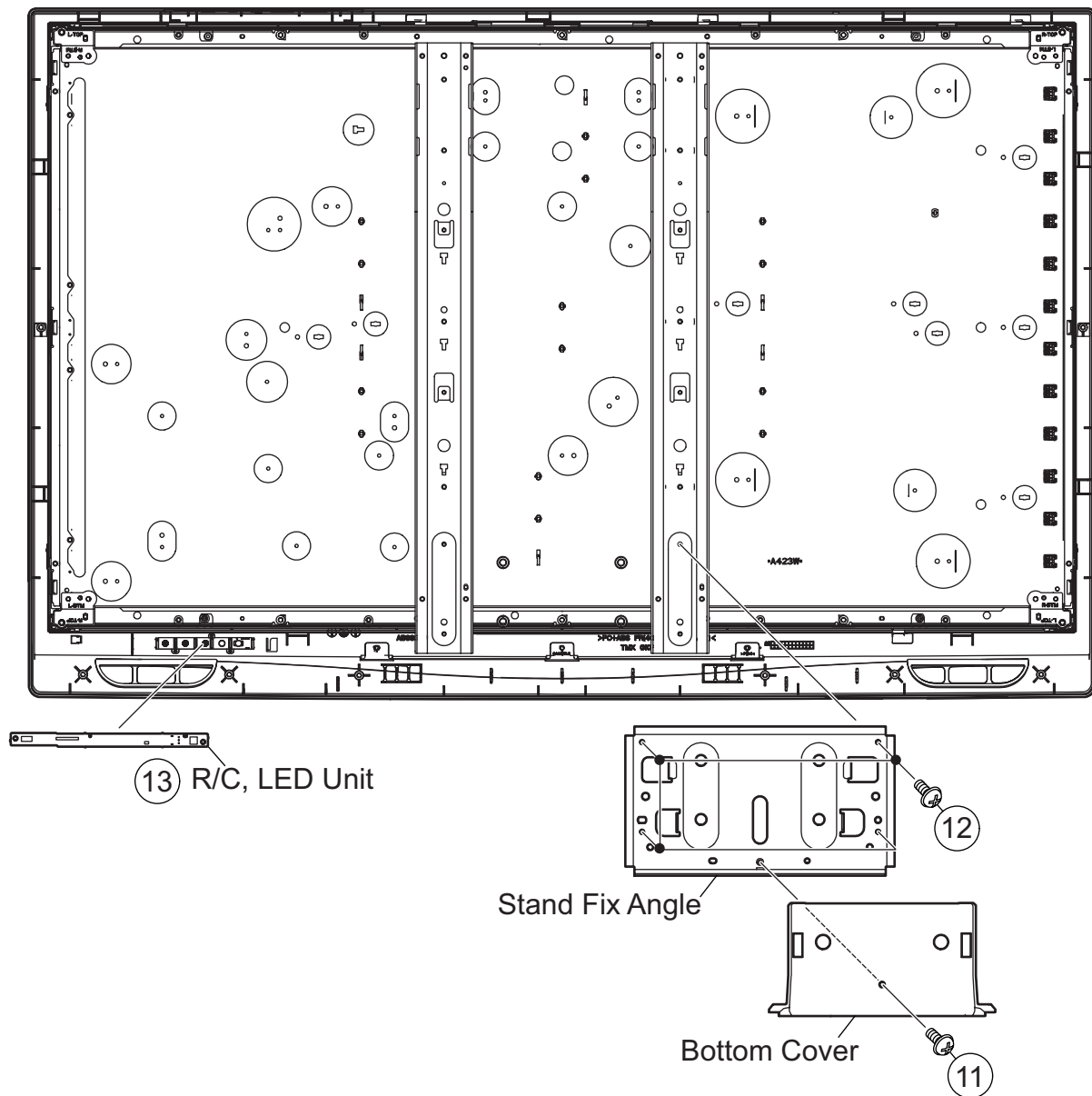


6. Disconnect all the connectors from all the terminals of Speaker (L) (R) and detach the Speaker (L) (R).
7. Remove the 2 lock screws, 4 lock screws and detach the MAIN Unit.
8. Remove the 2 lock rivets and detach the Heat Sink.
9. Remove the 2 lock screws and detach the INVERTER Unit.
10. Remove the 2 lock screws and detach the POWER Unit.

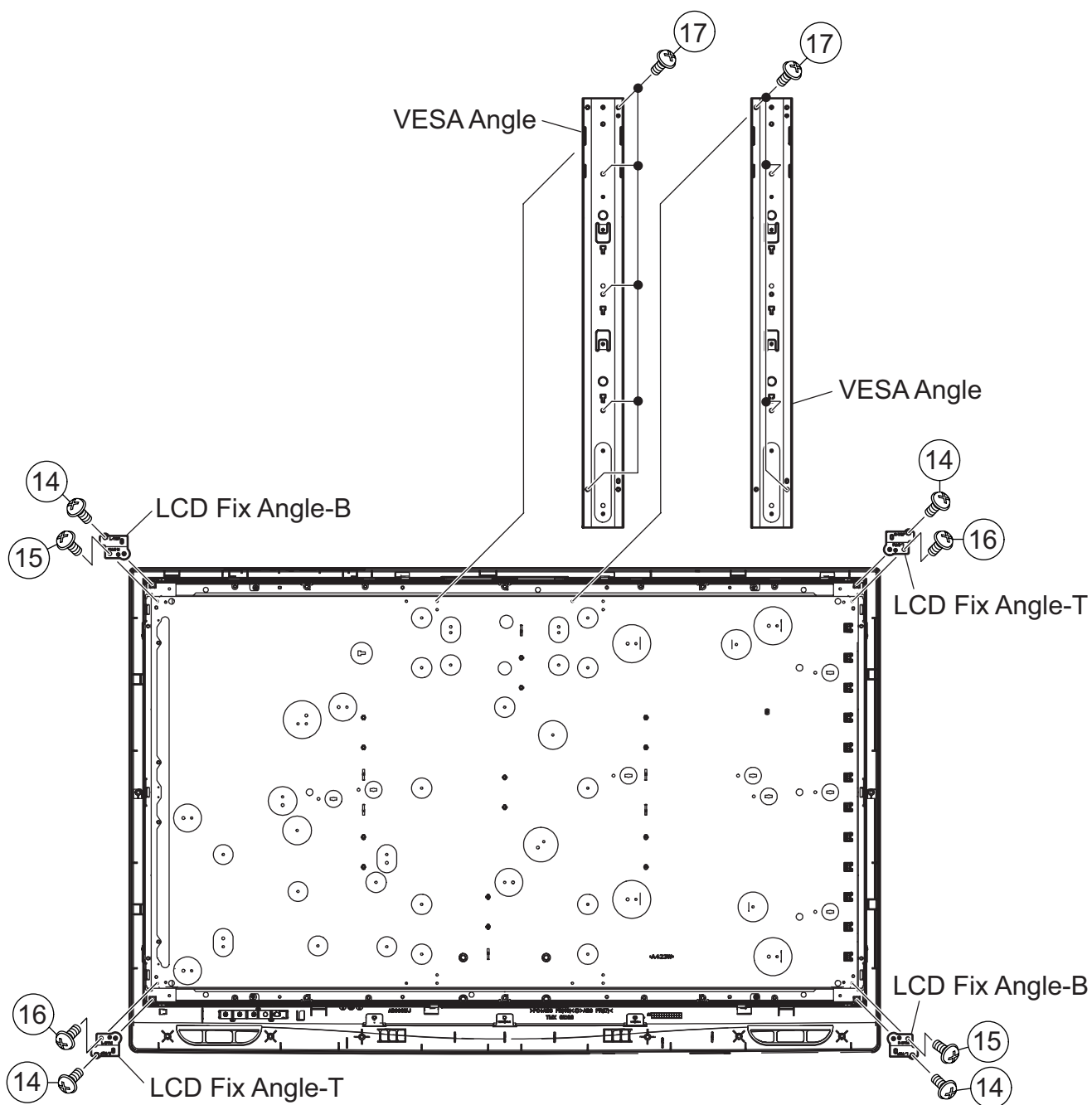


LC-37D44U

11. Remove the 1 lock screw and detach the Bottom Cover.
12. Remove the 4 lock screws and detach the Stand Fix Angle.
13. Remove the R/C, LED Unit.



14. Remove the 4 lock screws and detach the LCD Panel Module.
15. Remove the 2 lock screws and detach the LCD Fix Angle-B.
16. Remove the 2 lock screws and detach the LCD Fix Angle-T.
17. Remove the 9 lock screws and detach the VESA Angle.



CHAPTER 5. ADJUSTMENT

[1] ADJUSTMENT PROCEDURE

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

1. After replacement of any PWB unit and/or IC for repair, please note the following.

- When replacing the following units, make sure to prepare the new units loaded with updated software.

MAIN Unit: DUNTKE450FM01

2. Upgrading of each microprocessor software

CAUTION: Never "POWER OFF" the unit when software upgrade is ongoing.

Otherwise the system may be damaged beyond recovery.

2.1. Software version upgrade

The model employs the following software.

- Main software
- Monitor microprocessor software.
- Panel timing controller software.

The main software, monitor microprocessor software, and Panel timing controller software can be upgraded by using a general-purpose USB Memory.

The followings are the procedures for upgrading, explained separately for the main software, monitor microprocessor software, and Panel timing controller software.

2.2. Main software version upgrade

2.2.1 Get ready before you start

- USB Memory of 128MB or higher capacity.
- PC running on Windows 98/98SE/ME/2000/XP operating system.
- USB Memory reader/writer or PC with a USB port.
- The file system of a USB memory is FAT. (FAT32 is not applied)
- Use the USB memory without other functions. (lock and memory reader...etc)

2.2.2 Preparations

To upgrade the main software, it is necessary to get ready the USB Memory for version upgrade before you start.

Follow the steps below and create the USB Memory for version upgrade.

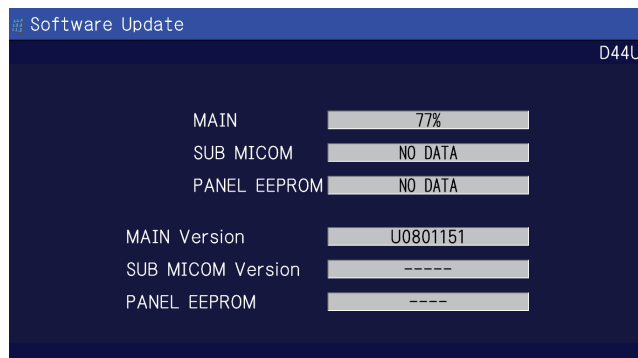
1. Copy the file D44Uxxx.USB (named temporarily) for version upgrade to the root directory (folder) of the USB Memory.

NOTE: In the USB Memory drive, do not store other folders or unrelated files, or more than one file for version upgrade.

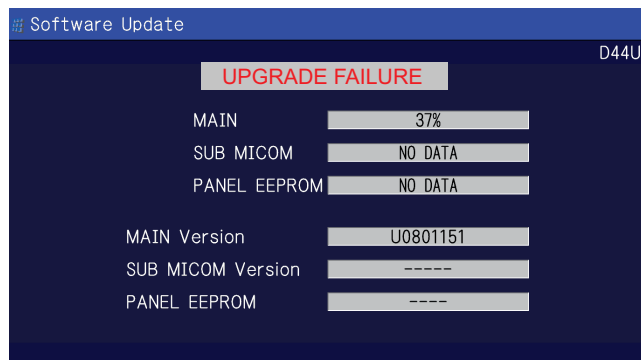
Now the USB Memory for version upgrade is ready.

2.2.3 How to upgrade the software

1. Unplug the AC cord.
2. Insert the USB Memory for version upgrade (prepared as above) into the service socket located Right side from center at terminals, above HDMI4 terminal in the rear of the unit.
3. Plug in the AC cord with power button pressed down after 5 seconds, unpress the power button.
4. After the unit startup, the system upgrade screen as shown below appears within 20-40 seconds.

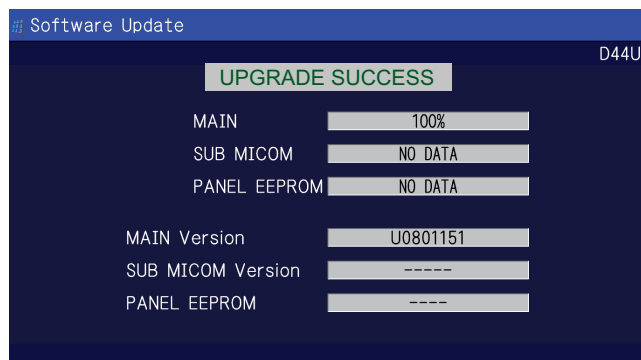


5. Even a single failure in the process will trigger the upgrade failure screen.



NOTE: In the event of a failure, repeat the upgrade process. If the process repeatedly fails, it is likely that the hardware need fixing.

6. Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.



7. Unplug the AC cord and remove the USB Memory for version upgrade.
 8. Now the software version upgrade is complete.

NOTE: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the main software version information.

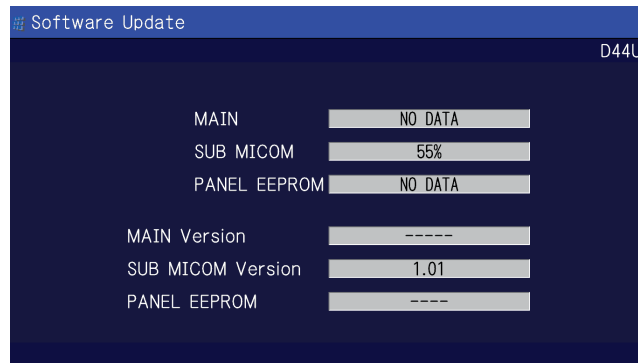
2.3. Monitor microprocessor software version upgrade

Create the USB memory for monitor microprocessor software version upgrade in the same manner as explained in the "Main software version upgrade".

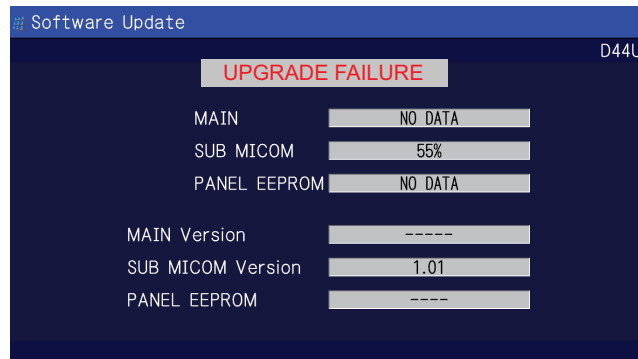
Copy the file D44UVxxx.USB and D44UMxxx.BIN (named temporarily) for monitor microprocessor software version upgrade to the USB memory.

2.3.1 How to upgrade the software

1. Unplug the AC cord.
 2. Insert the USB memory for version upgrade (prepared as above) into the service socket located Right side from center at terminals, above HDMI4 terminal in the rear of the unit.
 3. Plug in the AC cord with power button pressed down.
 4. After 5 seconds, unpress the power button.
- CAUTION:
- The moment this operation is done, the upgrading of the monitor microprocessor software starts. While the upgrade is ongoing, never power off the unit. Otherwise the upgrade will fail and the system may be serious damaged beyond recovery (inability to start).
 - After the monitor microprocessor software is upgraded, also perform the 'Industry Init'.
5. After the unit startup, the upgrade starts. The power led will blink continuously. Also, an upgrade screen will be shown during a minor upgrade.

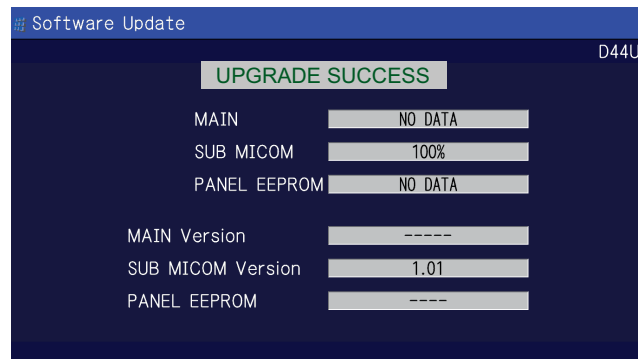


6. If the upgrade fails, power led will stop blinking. Also, the upgrade failure screen will be shown if upgrade screen was shown at 5.



NOTE: In the event of a transient failure, upgrade will be automatically retried up to three times. If the process repeatedly fails, hardware may be the cause.

7. Up on completion of the whole process, power and OPC LED will blink alternately. Also, the upgrade success screen will be shown if upgrade screen was shown at 5.



8. Unplug the AC cord and remove the USB Memory for version upgrade.
9. Now the software version upgrade is complete.

NOTE: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the monitor microprocessor software version information and panel size information.

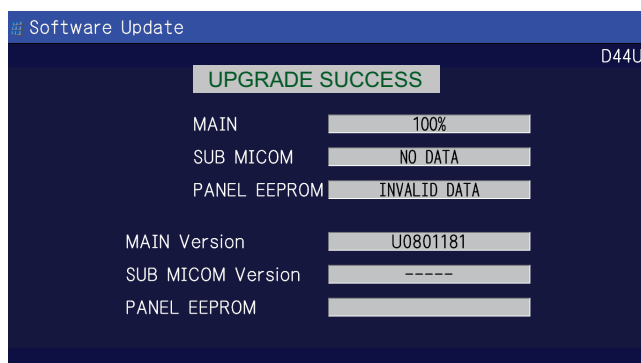
2.4. Upgrading Panel timing controller software

Create the USB memory for Panel timing controller software version upgrade in the same manner as explained in the "Main software version upgrade."

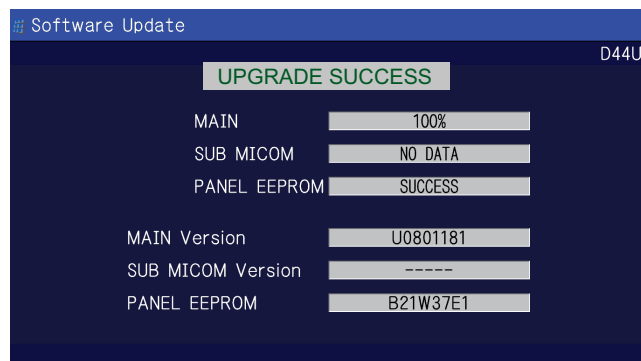
Copy the file D44UAxxx.USB and D44UAxxx.TCN to USB memory.

2.4.1 How to upgrade the software

1. Unplug the AC cord.
2. Insert the USB Memory for version upgrade (prepared as above) into the service socket located Right side from center at terminals, above HDMI4 terminal in the rear of the unit.
3. Plug in the AC cord with power button pressed down after 5 seconds, unpress the power button.
4. After the unit startup, the upgrade starts. The screen is not shown. This take about a minute.
5. When there is an error, 'PANEL EEPROM' field display the type. Ignore 'UPGRADE SUCCESS' that is displayed at the top.



6. Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.





7. Unplug the AC cord and remove the USB Memory for version upgrade.
8. Now the software version upgrade is complete.

3. Entering and exiting the adjustment process mode

- 1) Before entering the adjustment process mode, the AV position RESET in the video adjustment menu.
- 2) While holding down the "VOL (-)" and "INPUT" keys at a time, plug in the AC cord of the main unit to turn on the power.

The letter "<K>" appears on the screen.

- 3) Next, hold down the "VOL (-)" and "CH ()" keys at a time.

(The "VOL (-)" and "CH ()" keys should be pressed and held until the display appears.)

Multiple lines of blue characters appearing on the display indicate that the unit is now in the adjustment process mode.





When you fail to enter the adjustment process mode (the display is the same as normal startup), retry the procedure.

- 4) To exit the adjustment process mode after the adjustment is done, unplug the AC cord from the outlet to make a forced shutdown. (When the power was turned off with the remote controller, once unplug the AC cord and plug it again. In this case, wait 10 seconds or so before plugging.)

CAUTION: Use due care in handling the information described here lest your users should know how to enter the adjustment process mode. If the settings are tampered in this mode, unrecoverable system damage may result.

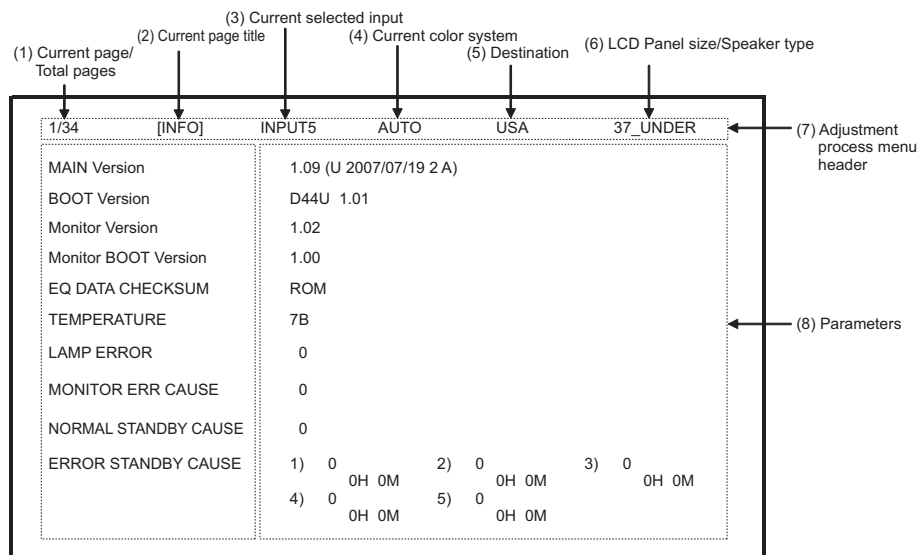
4. Remote controller key operation and description of display in adjustment process mode

- 1) Key operation

| Remote controller key | Main unit key | Function |
|--|--|---|
| CH ( / ) | CH ( / ) | Moving an item (line) by one (UP/DOWN) |
| VOL (+/-) | VOL (+/-) | Changing a selected item setting (+1/-1) |
| Cursor (UP/DOWN) | _____ | Turing a page (PREVIOUS/NEXT) |
| Cursor (LEFT/RIGHT) | _____ | Changing a selected line setting (+10/-10) |
| INPUT | _____ | Input switching (toggle switching) (TUNER→INPUT1→INPUT2→INPUT3→INPUT4→INPUT5→INPUT6) |
| ENTER | _____ | Executing a function |

*Input mode is switched automatically when relevant adjustment is started so far as the necessary input signal is available.

- 2) Description of display



5. List of adjustment process mode menu

The character string in brackets [] will appear as a page title in the adjustment process menu header.

| Page | Line | Item | Description | Remarks (adjustment detail, etc.) |
|------|---------------------|-------------------------|---|--|
| 1 | | [INFO] | | |
| | 1 | MAIN Version | Main software version | Refer to *1 under the list for details Refer to *2 under the list for details |
| | 2 | BOOT Version | | |
| | 3 | Monitor Version | Monitor software version | |
| | 4 | Monitor BOOT Version | | |
| | 5 | EQ DATA CHECKSUM | Audio data checksum | |
| | 6 | TEMPERATURE | Panel temperature | |
| | 7 | LAMP ERROR | Number of termination due to lamp error | |
| | 8 | MONITOR ERR CAUSE | | |
| | 9 | NORMAL STANDBY CAUSE | | |
| 10 | ERROR STANDBY CAUSE | | | |
| 2 | | [INIT] | | |
| | 1 | INDUSTRY INIT (+Cause) | Initialization to factory settings | Level appears in green on the upper right |
| | 2 | INDUSTRY INIT | | |
| | 3 | HOTEL MODE | Hotel Mode | |
| | 4 | Center Acutime | Accumulated main operation time | |
| | 5 | RESET | Reset | |
| | 6 | Backlight Acutime | Accumulated monitor operation time | |
| | 7 | RESET | Reset | |
| | 8 | LAMP ERROR RESET | Reset LAMP ERROR | |
| | 9 | VIC XPOS | X-coordinate setting for VIC READ | |
| | 10 | VIC YPOS | Y-coordinate setting for VIC READ | |
| | 11 | VIC COLOR | Collected color data setting for VIC READ | |
| | 12 | VIC SIGNAL TYPE | Signal type setting for VIC READ | |
| | 13 | VIC READ | Picture level acquisition function | |
| 3 | | [N358MAIN] | | |
| | 1 | N358 ALL ADJ (INPUT1) | CVBS and TUNER signal level adjustment | |
| | 2 | N358 ALL ADJ (INPUT2) | | |
| | 3 | N358 MAIN ADJ (INPUT1) | CVBS signal level adjustment | |
| | 4 | N358 MAIN ADJ (INPUT2) | | |
| | 5 | TUNER DAC ADJ | TUNER signal level adjustment | |
| | 6 | VCOM ADJ | | |
| | 7 | N358 CONTRAST A_GAIN | | |
| | 8 | N358 CONTRAST D_GAIN | | |
| | 9 | N358 CONTRAST OFFSET | | |
| | 10 | TUNER CONTRAST A_GAIN | | |
| | 11 | TUNER CONTRAST D_GAIN | | |
| 4 | | [TUNER TEST] | | |
| | 1 | TUNER VCHIP TEST (69ch) | Tuning test and VCHIP test (69 ch) | |
| | 2 | TUNER VCHIP TEST (7ch) | Tuning test and VCHIP test (7 ch) | |
| | 3 | TUNER VCHIP TEST (10ch) | Tuning test and VCHIP test (10 ch) | |
| | 4 | TUNER VCHIP TEST (15ch) | Tuning test and VCHIP test (15 ch) | |
| | 5 | INSPECT USB TERM | | |
| | 6 | HDMI CEC TEST | | |
| 5 | | [COMP15KMAIN] | | |
| | 1 | COMP15K ADJ (INPUT1) | Component 15K picture level adjustment (main) | |
| | 2 | COMP15K ADJ (INPUT3) | | |
| | 3 | COMP15K Y A_GAIN | | |
| | 4 | COMP15K Cb A_GAIN | | |
| | 5 | COMP15K Cr A_GAIN | | |
| | 6 | COMP15K Y D_GAIN | | |
| | 7 | COMP15K Cb D_GAIN | | |
| | 8 | COMP15K Cr D_GAIN | | |
| | 9 | COMP15K Y OFFSET | Y OFFSET adjustment value | |
| | 10 | COMP15K Cb OFFSET | Cb OFFSET adjustment value | |
| | 11 | COMP15K Cr OFFSET | Cr OFFSET adjustment value | |

| Page | Line | Item | Description | Remarks (adjustment detail, etc.) |
|------|-------------------|---|---|------------------------------------|
| 6 | | [HDTV] | | |
| | 1 | COMP33K ADJ (INPUT1) | Component 33K picture level adjustment (main) | |
| | 2 | COMP33K ADJ (INPUT3) | | |
| | 3 | COMP33K Y A_GAIN | | |
| | 4 | COMP33K Cb A_GAIN | | |
| | 5 | COMP33K Cr A_GAIN | | |
| | 6 | COMP33K Y D_GAIN | | |
| | 7 | COMP33K Cb D_GAIN | | |
| | 8 | COMP33K Cr D_GAIN | | |
| | 9 | COMP33K Y OFFSET | Y OFFSET adjustment value | |
| | 10 | COMP33K Cb OFFSET | Cb OFFSET adjustment value | |
| 11 | COMP33K Cr OFFSET | Cr OFFSET adjustment value | | |
| 7 | | [ANALOG RGB] | | |
| | 1 | ANALOG RGB ADJ | Analog RGB picture level adjustment | |
| | 2 | R A-GAIN | | |
| | 3 | G A-GAIN | | |
| | 4 | B A-GAIN | | |
| | 5 | R D-GAIN | | |
| | 6 | G D-GAIN | | |
| | 7 | B D-GAIN | | |
| | 8 | R OFFSET | | |
| | 9 | G OFFSET | | |
| | 10 | B OFFSET | | |
| 8 | | [M GAMMA IN] | | |
| | 1 | LEV1 | Standard value 1 | Adjustment gradation setting. |
| | 2 | LEV2 | Standard value 2 | |
| | 3 | LEV3 | Standard value 3 | |
| | 4 | LEV4 | Standard value 4 | |
| | 5 | LEV5 | Standard value 5 | |
| | 6 | LEV6 | Standard value 6 | |
| 9 | | [M GAMMA R1] | | |
| | 1 | MG1R | WB adjustment Point 1, R adjustment value | Parameter for six-point adjustment |
| | 2 | MG1G | WB adjustment Point 1, G adjustment value | |
| | 3 | MG1B | WB adjustment Point 1, B adjustment value | |
| | 4 | MG2R | WB adjustment Point 2, R adjustment value | |
| | 5 | MG2G | WB adjustment Point 2, G adjustment value | |
| | 6 | MG2B | WB adjustment Point 2, B adjustment value | |
| | 7 | MG3R | WB adjustment Point 3, R adjustment value | |
| | 8 | MG3G | WB adjustment Point 3, G adjustment value | |
| 9 | MG3B | WB adjustment Point 3, B adjustment value | | |
| 10 | | [M GAMMA R4] | | |
| | 1 | MG4R | WB adjustment Point 4, R adjustment value | Parameter for six-point adjustment |
| | 2 | MG4G | WB adjustment Point 4, G adjustment value | |
| | 3 | MG4B | WB adjustment Point 4, B adjustment value | |
| | 4 | MG5R | WB adjustment Point 5, R adjustment value | |
| | 5 | MG5G | WB adjustment Point 5, G adjustment value | |
| | 6 | MG5B | WB adjustment Point 5, B adjustment value | |
| | 7 | MG6R | WB adjustment Point 6, R adjustment value | |
| | 8 | MG6G | WB adjustment Point 6, G adjustment value | |
| 9 | MG6B | WB adjustment Point 6, B adjustment value | | |
| 11 | | [SOUND 1] | | |
| | 1 | Audio Switch | | |
| | 2 | Flat Mode | | |
| | 3 | ADC Volume 1 | | |
| | 4 | ADC Volume 2 | | |
| | 5 | ADC Volume 3 | | |
| | 6 | ADC Volume 4 | | |
| | 7 | ADC Volume 5 | | |
| | 8 | ADC Volume 6 | | |

| Page | Line | Item | Description | Remarks (adjustment detail, etc.) |
|------|------|------------------------|-------------|-----------------------------------|
| 12 | | [SOUND 2] | | |
| | 1 | Lip Sync LR | | |
| | 2 | Lip Sync Monitor | | |
| | 3 | Lip Sync SW | | |
| | 4 | LR Func Vol AIN (2ch) | | |
| | 5 | LR Func Vol HDMI (2ch) | | |
| | 6 | LR Func Vol ATV (2ch) | | |
| | 7 | LR Func Vol DTV (2ch) | | |
| 13 | 8 | Input Trim (2ch) | | |
| | | [SOUND 3] | | |
| | 1 | PEQ1 F0 | | |
| | 2 | PEQ1 Q | | |
| | 3 | PEQ1 Gain | | |
| | 4 | PEQ1 Gain Limit | | |
| | 5 | PEQ1 Fade Time | | |
| | 6 | PEQ2 F0 | | |
| | 7 | PEQ2 Q | | |
| | 8 | PEQ2 Gain | | |
| 14 | 9 | PEQ2 Gain Limit | | |
| | 10 | PEQ2 Fade Time | | |
| | | [SOUND 4] | | |
| | 1 | PEQ3 F0 | | |
| | 2 | PEQ3 Q | | |
| | 3 | PEQ3 Gain | | |
| | 4 | PEQ3 Gain Limit | | |
| | 5 | PEQ3 Fade Time | | |
| | 6 | PEQ4 F0 | | |
| | 7 | PEQ4 Q | | |
| 15 | 8 | PEQ4 Gain | | |
| | 9 | PEQ4 Gain Limit | | |
| | 10 | PEQ4 Fade Time | | |
| | | [SOUND 5] | | |
| | 1 | PEQ5 F0 | | |
| | 2 | PEQ5 Q | | |
| | 3 | PEQ5 Gain | | |
| | 4 | PEQ5 Gain Limit | | |
| | 5 | PEQ5 Fade Time | | |
| | 6 | PEQ6 F0 | | |
| 16 | 7 | PEQ6 Q | | |
| | 8 | PEQ6 Gain | | |
| | 9 | PEQ6 Gain Limit | | |
| | 10 | PEQ6 Fade Time | | |
| | | [SOUND 6] | | |
| | 1 | PEQ7 F0 | | |
| | 2 | PEQ7 Q | | |
| | 3 | PEQ7 Gain | | |
| | 4 | PEQ7 Gain Limit | | |
| | 5 | PEQ7 Fade Time | | |
| | 6 | Subsonic Filter | | |
| 17 | | [SOUND 7] | | |
| | 1 | Output Trim | | |
| | 2 | Clipper | | |
| | 3 | Sub Volume Default | | |
| | 4 | Sub Volume SH Bass | | |
| | 5 | Mon Func Vol AIN | | |
| | 6 | Mon Func Vol HDMI | | |
| | 7 | Mon Func Vol ATV | | |
| | 8 | Mon Func Vol DTV | | |
| | 9 | SW Func Vol AIN | | |
| | 10 | SW Func Vol HDMI | | |
| | 11 | SW Func Vol ATV | | |
| | 12 | SW Func Vol DTV | | |

| Page | Line | Item | Description | Remarks (adjustment detail, etc.) |
|------|------|-----------------------|-------------|-----------------------------------|
| 18 | | [SOUND 8] | | |
| | 1 | BE ATT | | |
| | 2 | BE G Limit | | |
| | 3 | Bass Center ATT | | |
| | 4 | Bass Vol 0 MIN | | |
| | 5 | Bass Vol 60 MIN | | |
| | 6 | Bass Vol 60 Center | | |
| | 7 | Bass Vol 0 MAX | | |
| | 8 | Bass Vol 60 MAX | | |
| 19 | | [SOUND 9] | | |
| | 1 | Treble Center ATT | | |
| | 2 | Treble Vol 0 MIN | | |
| | 3 | Treble Vol 60 MIN | | |
| | 4 | Treble Vol 60 Center | | |
| | 5 | Treble Vol 0 MAX | | |
| | 6 | Treble Vol 60 MAX | | |
| | 7 | VS Path | | |
| | 8 | VS Option | | |
| | 9 | VS SP Interval | | |
| | 10 | VS Width | | |
| | 11 | VS Input Gain (2ch) | | |
| 20 | | [SOUND 10] | | |
| | 1 | Bass AGC | | |
| | 2 | Bass Harmonics | | |
| | 3 | Bass LPF Fc | | |
| | 4 | Bass HPF Fc | | |
| | 5 | Bass AGC Max | | |
| | 6 | Bass AGC Min | | |
| | 7 | Bass AGC Attack Time | | |
| | 8 | Bass AGC Release Time | | |
| | 9 | Bass AGC Threshold | | |
| | 10 | Bass AGC HPF F0 | | |
| | 11 | Bass Harmonics Level | | |
| | 12 | Bass Harmonics LPF F | | |
| | 13 | Bass Harmonics HPF F | | |
| 21 | | [M PWM] | | |
| | 1 | PANNEL SELECT | | |
| | 2 | PWM | | |
| | 3 | PWN FREQ | | |
| | 4 | PWM DUTY | | |
| | 5 | OSC FREQ | | |
| | 6 | OSC DUTY | | |
| 22 | | [M BRI DA1] | | |
| | 1 | BRIGHTNESS DA0 | | |
| | 2 | BRIGHTNESS DA1 | | |
| | 3 | BRIGHTNESS DA2 | | |
| | 4 | BRIGHTNESS DA3 | | |
| | 5 | BRIGHTNESS DA4 | | |
| | 6 | BRIGHTNESS DA5 | | |
| | 7 | BRIGHTNESS DA6 | | |
| | 8 | BRIGHTNESS DA7 | | |
| | 9 | BRIGHTNESS DA8 | | |
| | 10 | BRIGHTNESS DA9 | | |
| | 11 | BRIGHTNESS DA10 | | |
| | 12 | BRIGHTNESS DA11 | | |

| Page | Line | Item | Description | Remarks (adjustment detail, etc.) |
|------|------|------------------|-------------|-----------------------------------|
| 23 | | [M BRI DA2] | | |
| | 1 | BRIGHTNESS DA12 | | |
| | 2 | BRIGHTNESS DA13 | | |
| | 3 | BRIGHTNESS DA14 | | |
| | 4 | BRIGHTNESS DA15 | | |
| | 5 | BRIGHTNESS DA16 | | |
| | 6 | BRIGHTNESS DA17 | | |
| | 7 | BRIGHTNESS DA18 | | |
| | 8 | BRIGHTNESS DA19 | | |
| | 9 | BRIGHTNESS DA20 | | |
| | 10 | BRIGHTNESS DA21 | | |
| | 11 | BRIGHTNESS DA22 | | |
| 24 | | [M BRI DA3] | | |
| | 1 | BRIGHTNESS DA23 | | |
| | 2 | BRIGHTNESS DA24 | | |
| | 3 | BRIGHTNESS DA25 | | |
| | 4 | BRIGHTNESS DA26 | | |
| | 5 | BRIGHTNESS DA27 | | |
| | 6 | BRIGHTNESS DA28 | | |
| | 7 | BRIGHTNESS DA29 | | |
| | 8 | BRIGHTNESS DA30 | | |
| | 9 | BRIGHTNESS DA31 | | |
| | 10 | BRIGHTNESS DA32 | | |
| 25 | | [M ADL1] | | |
| | 1 | OPC33 ADLEVEL 0 | | |
| | 2 | OPC33 ADLEVEL 1 | | |
| | 3 | OPC33 ADLEVEL 2 | | |
| | 4 | OPC33 ADLEVEL 3 | | |
| | 5 | OPC33 ADLEVEL 4 | | |
| | 6 | OPC33 ADLEVEL 5 | | |
| | 7 | OPC33 ADLEVEL 6 | | |
| | 8 | OPC33 ADLEVEL 7 | | |
| | 9 | OPC33 ADLEVEL 8 | | |
| | 10 | OPC33 ADLEVEL 9 | | |
| | 11 | OPC33 ADLEVEL 10 | | |
| | 12 | OPC33 ADLEVEL 11 | | |
| 26 | | [M ADL2] | | |
| | 1 | OPC33 ADLEVEL 12 | | |
| | 2 | OPC33 ADLEVEL 13 | | |
| | 3 | OPC33 ADLEVEL 14 | | |
| | 4 | OPC33 ADLEVEL 15 | | |
| | 5 | OPC33 ADLEVEL 16 | | |
| | 6 | OPC33 ADLEVEL 17 | | |
| | 7 | OPC33 ADLEVEL 18 | | |
| | 8 | OPC33 ADLEVEL 19 | | |
| | 9 | OPC33 ADLEVEL 20 | | |
| | 10 | OPC33 ADLEVEL 21 | | |
| | 11 | OPC33 ADLEVEL 22 | | |
| 27 | | [M ADL3] | | |
| | 1 | OPC33 ADLEVEL 23 | | |
| | 2 | OPC33 ADLEVEL 24 | | |
| | 3 | OPC33 ADLEVEL 25 | | |
| | 4 | OPC33 ADLEVEL 26 | | |
| | 5 | OPC33 ADLEVEL 27 | | |
| | 6 | OPC33 ADLEVEL 28 | | |
| | 7 | OPC33 ADLEVEL 29 | | |
| | 8 | OPC33 ADLEVEL 30 | | |
| | 9 | OPC33 ADLEVEL 31 | | |

| Page | Line | Item | Description | Remarks (adjustment detail, etc.) |
|------|------|-----------------------|-------------------------------------|-----------------------------------|
| 28 | | [M V6THE] | | |
| | 1 | V6 OS THERMO 1 | | |
| | 2 | V6 OS THERMO 2 | | |
| | 3 | V6 OS THERMO 3 | | |
| | 4 | V6 OS THERMO 4 | | |
| | 5 | V6 OS THERMO 5 | | |
| | 6 | V6 OS THERMO 6 | | |
| 29 | | [M V5THE] | | |
| | 1 | V5 OS THERMO 1 | | |
| | 2 | V5 OS THERMO 2 | | |
| | 3 | V5 OS THERMO 3 | | |
| | 4 | V5 OS THERMO 4 | | |
| | 5 | V5 OS THERMO 5 | | |
| | 6 | V5 OS THERMO 6 | | |
| 30 | | [M TEMP] | | |
| | 1 | BL TEMP1 | | |
| | 2 | BL TEMP2 | | |
| 31 | | [M EEP SET] | | |
| | 1 | MONITOR TIME OUT | | |
| | 2 | MONITOR MAX TEMP | | |
| 32 | | [M TESTPTRN] | | |
| | 1 | LCD TEST PATTERN | | |
| | 2 | TV TEST PATTERN 1 | | |
| 33 | | [MEMORY CLR] | | |
| | 1 | KEY LOCK (1217) | | |
| | 2 | KOUTEI AREA ALL CLEAR | | |
| | 3 | A MODE AREA CLEAR | | |
| | 4 | BACKUP AREA CLEAR | | |
| | 5 | B MODE AREA CLEAR | | |
| 34 | | [ETC] | | |
| | 1 | EEP SAVE | Writing setting values to EEPROM. | |
| | 2 | EEP RECOVER | Reading setting values from EEPROM. | |
| | 3 | STANDBY CAUSE RESET | Reset stand by cause. | |
| | 4 | SETTING FOR ADJ | | |
| | 5 | PANEL SIZE | | |

6. Special features

* STANDBY CAUSE (Page 1/34)

Display of a cause (code) of the last standby

The cause of the last standby is recorded in EEPROM whenever possible.

Checking this code will be useful in finding a problem when you repair the troubled set.

* EEP SAVE (Page 34/34)

Storage of EEP adjustment value

* EEP RECOVER (Page 34/34)

Retrieval of EEP adjustment value from storage area

7. Code list for Standby Cause

| Code | Indication | Description |
|------|------------|--|
| 1 | RC_STNBY | /* Standby set by remote control */ |
| 2 | NO_OPERT | /* Off caused by no operation */ |
| 3 | NO_SIGNA | /* Off caused by no signal */ |
| 4 | PC_MODE1 | /* Set by the PC power management mode 1 */ |
| 5 | PC_MODE2 | /* Set by the PC power management mode 2 */ |
| 6 | SLEEP_TM | /* Set by off timer */ |
| 8 | OFF_232C | /* Set by the command from RS232C */ |
| 9 | AVC_TACT | /* Set by the front switch at the AVC center */ |
| A | BSBOOKED | /* The pre-set time has passed since TV was turned on from standby by the BS timer. */ |
| B | E_MONIPW | /* Monitor main power failure detected */ |
| 10 | E_CCKMVT | /* Abnormal voltage of CCKM line detected */ |
| 11 | OUT_OF_R | /* While a PC display is on, unspecified input continued long time. */ |
| 12 | E_NOMONI | /* Incompatible monitor is connected to the AVC center. */ |
| 14 | E_AVCFAN | /* Fan failure at the AVC center */ |
| 15 | E_BSSUBM | /* Communication failure with the BS sub microcomputer (Not used) */ |
| 16 | E_CVICIC | /* CVIC failure */ |
| 17 | E_AVCTMP | /* Abnormal temperature at the AVC center */ |
| 18 | E_1BITAU | /* 1Bit-AMP failure */ |
| 1A | E_MONITR | /* Monitor problem detected */ |
| 1B | E_FNLOCK | /* Fan lock for North America */ |
| 40 | E_DSDEV | /* Failure in Digital Standby */ |

8. Signal adjustment

8.1. Checking the Device

■ Before starting the adjustment, make sure the adjustment tool and signal generator are set for Sharp LCD US.

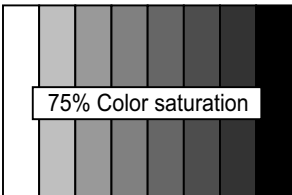

■ Checking the signal generator level adjustment (Set to the standard level.)

- Composite signal : 0.714Vp-p \pm 0.02Vp-p (from pedestal to white)
- 15K component signal : Y level : 0.714Vp-p \pm 0.02Vp-p (from pedestal to white)
PB, PR level : 0.7Vp-p \pm 0.02Vp-p
- 33K component signal : Y level : 0.7Vp-p \pm 0.02Vp-p (from pedestal to white)
PB, PR level : 0.7Vp-p \pm 0.02Vp-p
- Analog RGB signal : RGB level : 0.7Vp-p \pm 0.02Vp-p (from pedestal to white)

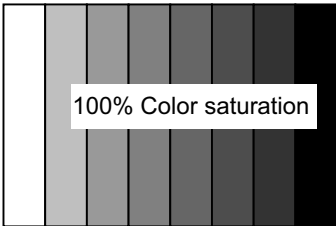
8.2. Process mode

| | Adjustment item | Adjustment conditions | Adjustment procedure |
|---|-----------------|-----------------------|---|
| 1 | Process mode | | Enter the process adjustment mode using the process adjustment remote controller. |

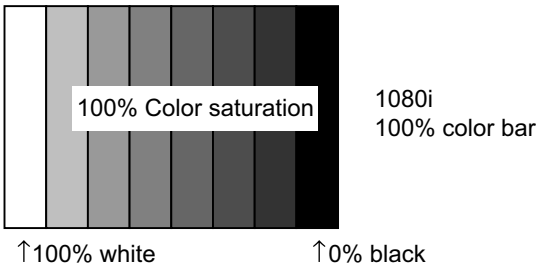
8.3. Composite N358 signal/tuner adjustment

| | Adjustment item | Adjustment conditions | Adjustment procedure |
|---|--------------------------------|------------------------|---|
| 1 | Setting | N358 signal US-10ch | <p>Feed the N358 color bar signal (75% color saturation) to VIDEO 1 input. Feed the RF signal (by use of US-10ch) to TUNER.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>[Video input signal]</p>  <p>↑ 100% white ↑ 0% black</p> </div> <div style="text-align: center;"> <p>[US-10ch]</p>  <p>↑ 100% white</p> </div> </div> |
| 2 | Automatic adjustment execution | | <p>Move the cursor to [■ N358 ALL ADJ] and press the [ENTER] key. When [■ N358 ALL ADJ OK] appears, the adjustment is complete.</p> |

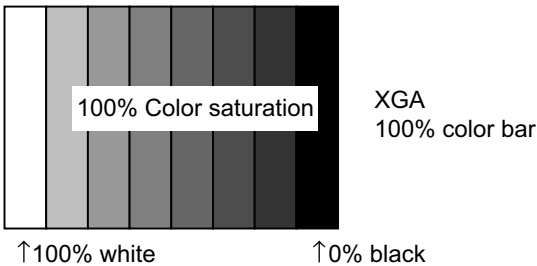
8.4. Component 15K signal adjustment

| | Adjustment item | Adjustment conditions | Adjustment procedure |
|---|--------------------------------|-----------------------|---|
| 1 | Setting | 480i signal | <p>Feed the 100% color bar signal to VIDEO 1 COMPONENT input.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>↑ 100% white ↑ 0% black</p> </div> <div style="text-align: center;"> <p>480i 100% color bar</p> </div> </div> |
| 2 | Automatic adjustment execution | | <p>Move the cursor to [■ COMP 15K ADJ] and press the [ENTER] key. When [■ COMP 15K ADJ OK] appears, the adjustment is complete.</p> |

8.5. Component 33K signal adjustment

| | Adjustment item | Adjustment conditions | Adjustment procedure |
|---|--------------------------------|-----------------------|--|
| 1 | Setting | 1080i signal | <p>Feed the 100% color bar signal to VIDEO 1 COMPONENT input.</p>  |
| 2 | Automatic adjustment execution | | <p>Move the cursor to [■ COMP 33K ADJ] and press the [ENTER] key. When [■ COMP 33K ADJ OK] appears, the adjustment is complete.</p> |

8.6. Analog RGB signal adjustment

| | Adjustment item | Adjustment conditions | Adjustment procedure |
|---|--------------------------------|---|--|
| 1 | Setting | Analog RGB signal: XGA (1024x768) 60Hz SYNC: HV separate | <p>Feed the XGA 100% color bar signal to ANALOG RGB input.</p>  |
| 2 | Automatic adjustment execution | | <p>Move the cursor to [■ ANALOG RGB ADJ] and press the [ENTER] key. When [■ ANALOG RGB ADJ OK] appears, the adjustment is complete.</p> |

8.7. Tuner/V-Chip test

| | Adjustment item | Adjustment conditions | Adjustment procedure |
|---|--------------------------------|-------------------------------|--|
| 1 | Setting | NTSC RF signal US-7(AIR)ch | Feed the NTSC signal to RF ANTENNA input. |
| 2 | Automatic adjustment execution | | <p>Move the cursor to [■ TUNER VCHIP TEST (*07ch)] and press the [ENTER] key. (* Select the channel according to the RF signal.) When [■ A-OK(**.*)/VM-OK] appears in blue, the test is complete. (If [A-NG/VM-NG] appears in yellow or red, the test is incomplete.) Make sure a displacement of ± 0.0625 MHz from the center frequency is acceptable.</p> |

9. White balance adjustment

9.1. White balance adjustment

| | Adjustment item | Adjustment conditions | Adjustment procedure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--------------------------------|---|---|-----------|-------|-----------|-----------|-----------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|---------|-----|---------|---------|---------|---------|------|--|---|--|--|
| 1 | Setting | | For detailed adjustment procedure, refer to “Kameyama Model Integral Monitor WB Adjustment Specifications V1.4”. 1) Make the following settings for the set. AV MODE: [DYNAMIC] Backlight: +16 Aging time: Min. 60 minutes 2) Connect the white balance adjustment tool to the set. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Automatic adjustment execution | [Command] Process mode KRSW0001 KKT10037 Setting KYOF0000 OSDS0001 SBSL0016 Multi-point adjustment mode MSET0001 Adjustment value initialization MSET0004 Point 6 WBI60928 MG6G**** MG6B**** MG6R**** Point 5 WBI50832 MG5G**** MG5B**** MG5R**** Point 4 WBI40752 MG4G**** MG4B**** MG4R**** Point 3 WBI30528 MG3G**** MG3B**** MG3R**** Point 2 WBI20320 MG2G**** MG2B**** MG2R**** Point 1 WBI10176 MG1G**** MG1B**** MG1R**** Writing MSET0003 | [Adjustment procedure] 1) Using the remote controller, transmit the “monitor adjustment process” code. 2) Set the 6th point to the specified gradation level. With the strongest color being fixed turn down the R, G and B settings to their reference levels. 3) Set the 5th point to the specified gradation level. Correct the G setting (800 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels. 4) Set the 4th point to the specified gradation level. Correct the G setting (680 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels. 5) Set the 3rd point to the specified gradation level. Correct the G setting (480 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels. 6) Set the 2nd point to the specified gradation level. Correct the G setting (232 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels. 7) Set the 1st point to the specified gradation level. Correct the G setting (184 x 6th-point G setting / 928) (rounded off), and make the R and B settings to their reference levels. 8) With the MSET0003 command, write the adjustment values and turn off the AC power. * Initial R, G and B settings at point 6: Gradation level set at 928 * Initial R, G and B settings at points 1 thru 5: Corrected G setting at each point (This is because the adjustment is made to achieve the same remainder of RGB setting / 4 at each point.) [Adjustment value] •As per the “standard set” submitted by Engineering Department “LC-37D44U” Teaching set [Adjustment reference] Instrument: Minolta CA-210 Engineering instrument <table><tr><th></th><th>Level</th><th>Reference</th><th>Adj. spec</th><th>Ins. spec</th></tr><tr><td rowspan="2">Point 6</td><td rowspan="2">928</td><td>X=0.272</td><td rowspan="2">±0.0010</td><td rowspan="2">±0.0020</td></tr><tr><td>y=0.277</td></tr><tr><td rowspan="2">Point 5</td><td rowspan="2">832</td><td>X=0.272</td><td rowspan="2">±0.0010</td><td rowspan="2">±0.0020</td></tr><tr><td>y=0.277</td></tr><tr><td rowspan="2">Point 4</td><td rowspan="2">752</td><td>X=0.272</td><td rowspan="2">±0.0010</td><td rowspan="2">±0.0020</td></tr><tr><td>y=0.277</td></tr><tr><td rowspan="2">Point 3</td><td rowspan="2">528</td><td>X=0.272</td><td rowspan="2">±0.0010</td><td rowspan="2">±0.0020</td></tr><tr><td>y=0.277</td></tr><tr><td rowspan="2">Point 2</td><td rowspan="2">320</td><td>X=0.272</td><td rowspan="2">±0.0020</td><td rowspan="2">±0.0030</td></tr><tr><td>y=0.277</td></tr><tr><td rowspan="2">Point 1</td><td rowspan="2">176</td><td>X=0.272</td><td rowspan="2">±0.0020</td><td rowspan="2">±0.0030</td></tr><tr><td>y=0.277</td></tr><tr><td>Note</td><td></td><td colspan="3">Set conditions for inspection AV MODE: [DYNAMIC] (Reset) Monochro: ON Black: OFF Color Temp: High Back Light: +16 Aging Time: Min. 60 minutes</td></tr></table> | | Level | Reference | Adj. spec | Ins. spec | Point 6 | 928 | X=0.272 | ±0.0010 | ±0.0020 | y=0.277 | Point 5 | 832 | X=0.272 | ±0.0010 | ±0.0020 | y=0.277 | Point 4 | 752 | X=0.272 | ±0.0010 | ±0.0020 | y=0.277 | Point 3 | 528 | X=0.272 | ±0.0010 | ±0.0020 | y=0.277 | Point 2 | 320 | X=0.272 | ±0.0020 | ±0.0030 | y=0.277 | Point 1 | 176 | X=0.272 | ±0.0020 | ±0.0030 | y=0.277 | Note | | Set conditions for inspection AV MODE: [DYNAMIC] (Reset) Monochro: ON Black: OFF Color Temp: High Back Light: +16 Aging Time: Min. 60 minutes | | |
| | Level | Reference | Adj. spec | Ins. spec | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Point 6 | 928 | X=0.272 | ±0.0010 | ±0.0020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | y=0.277 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Point 5 | 832 | X=0.272 | ±0.0010 | ±0.0020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | y=0.277 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Point 4 | 752 | X=0.272 | ±0.0010 | ±0.0020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | y=0.277 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Point 3 | 528 | X=0.272 | ±0.0010 | ±0.0020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | y=0.277 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Point 2 | 320 | X=0.272 | ±0.0020 | ±0.0030 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | y=0.277 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Point 1 | 176 | X=0.272 | ±0.0020 | ±0.0030 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | y=0.277 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note | | Set conditions for inspection AV MODE: [DYNAMIC] (Reset) Monochro: ON Black: OFF Color Temp: High Back Light: +16 Aging Time: Min. 60 minutes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

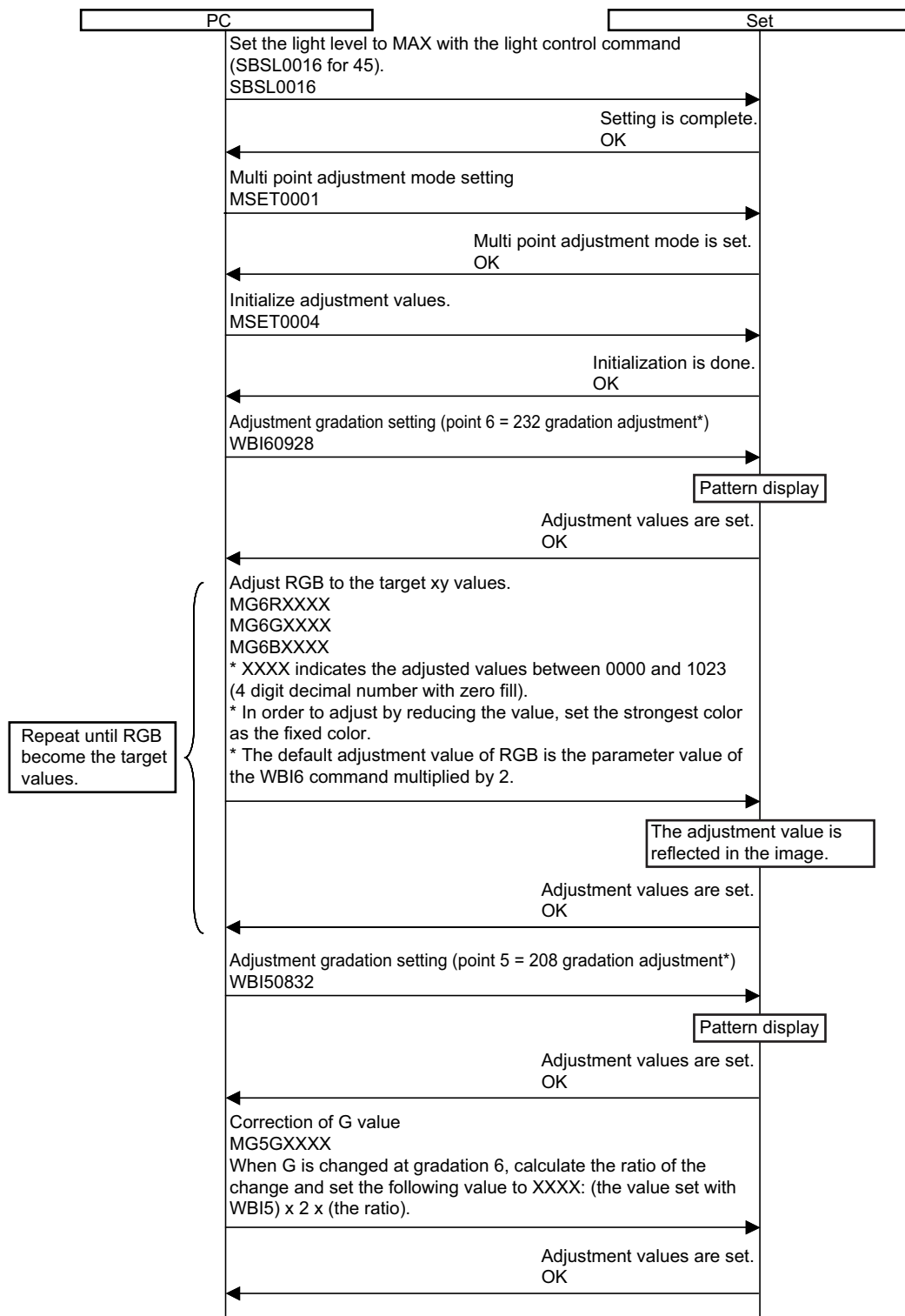
9.2. Key writing

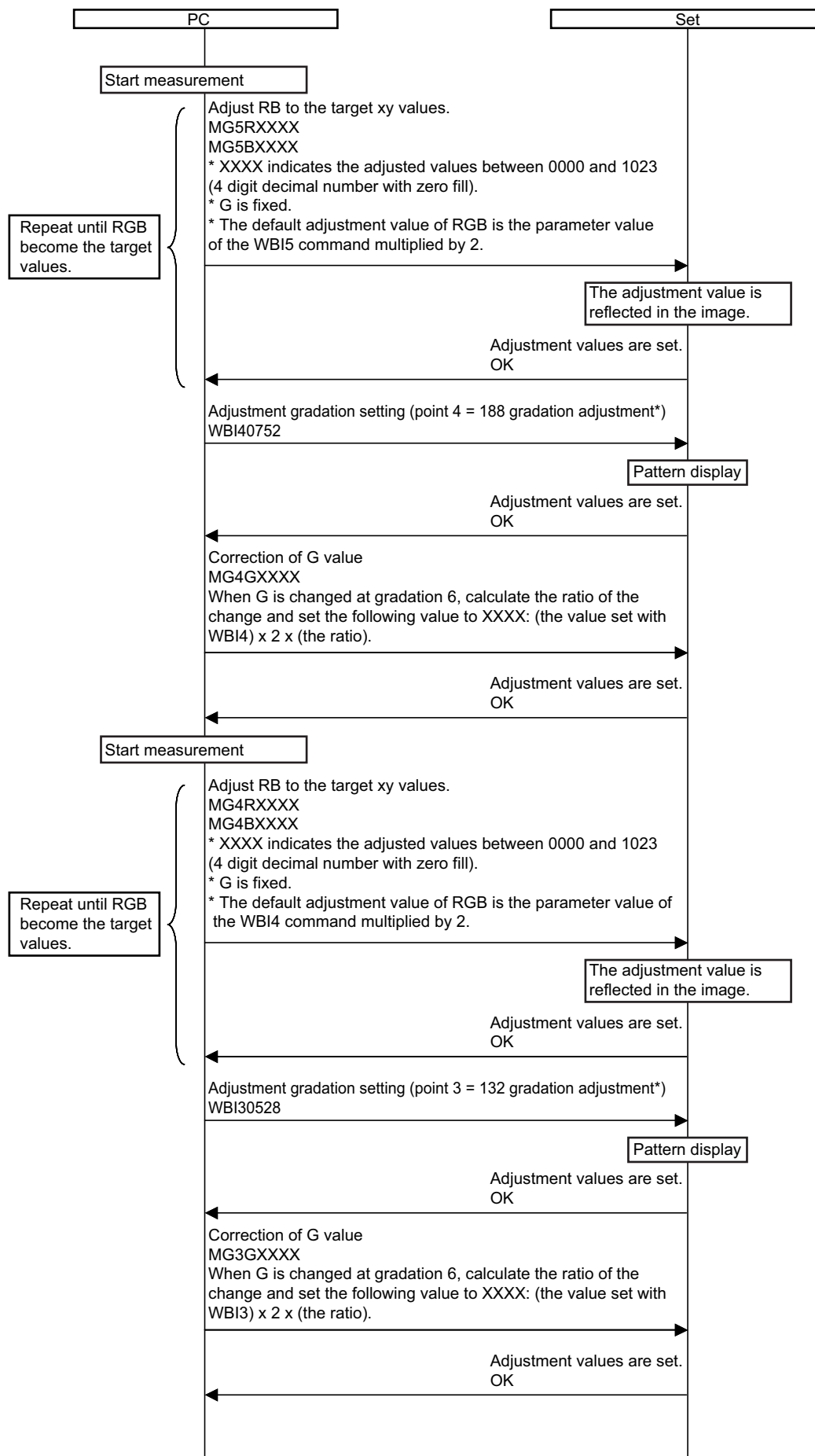
EDID writing (Main PWB: QPWBXE450WJZZ, analog RGB input terminal / HDMI input terminal)

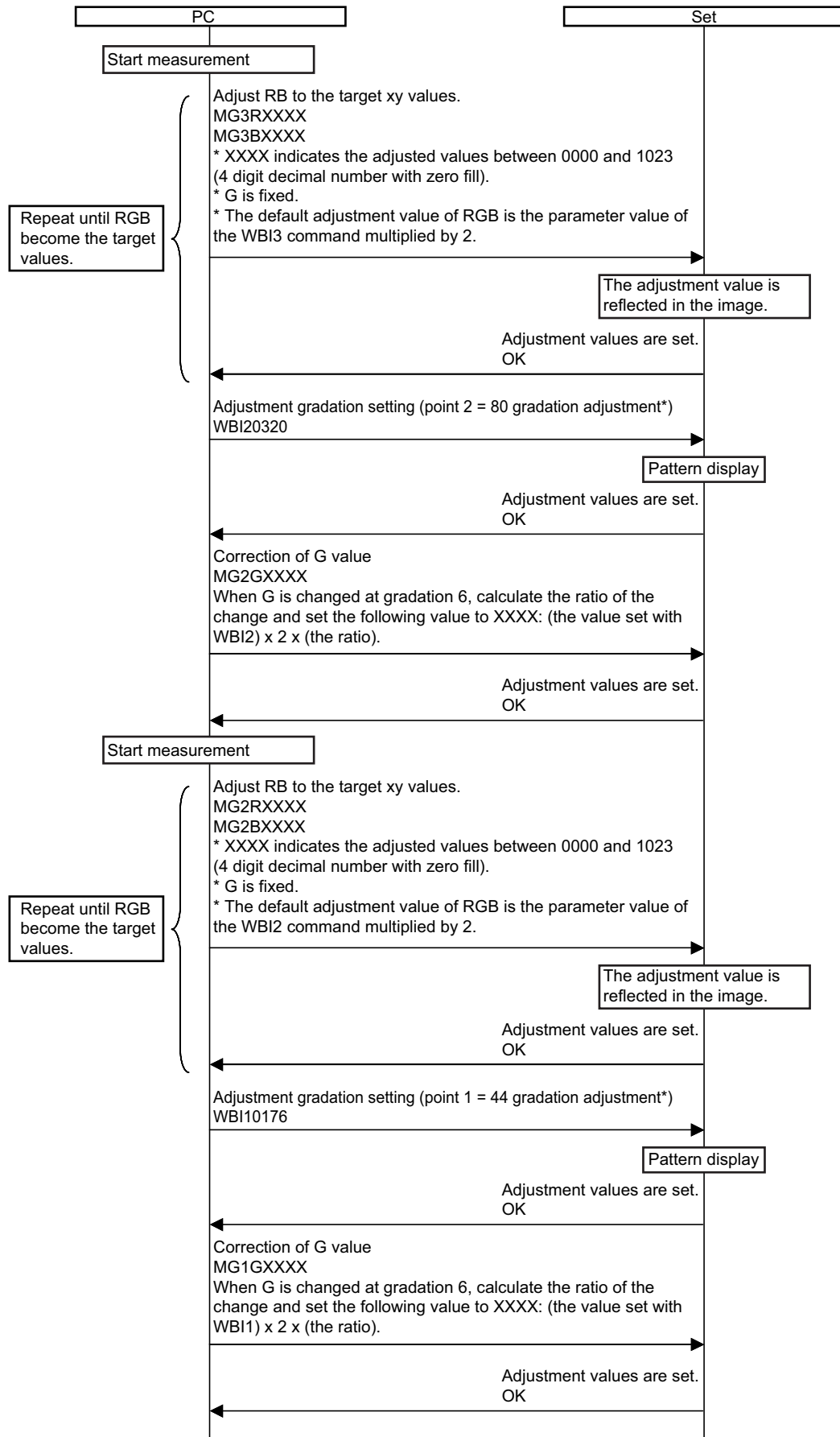
| | Adjustment item | Adjustment conditions | Adjustment procedure |
|---|-------------------------|--|---|
| 1 | Analog RGB EDID writing | File version checking | 1) Using the checker, write the EDID data for Analog RGB to IC2202 that is mounted on the main PWB. TL2293: I2C clock, TL2295: I2C data TL2296: 5V, TL2294: GND TL2297: VCLK (Write: H, Read: V pulse) 2) In the analog RGB inspection, use a DDC-compatible device. If the EDID has not been written, the analog RGB input does not function normally. |
| 2 | HDMI EDID writing | Inspection mode File version checking | 1) Using the checker, write the HDMI EDID data to IC1601 and IC1603 that are mounted on the main PWB. TL1606/1613: I2C clock, TL1604/1614: I2C data TL1611/1615: 5V, TL1604/1607: GND TL1616/1618: Write protection (H: Write, L: Write enable) 2) Write the data before the HDMI inspection with the checker. In the HDMI inspection, use a DDC-compatible device. If the EDID has not been written, the HDMI does not function normally. |

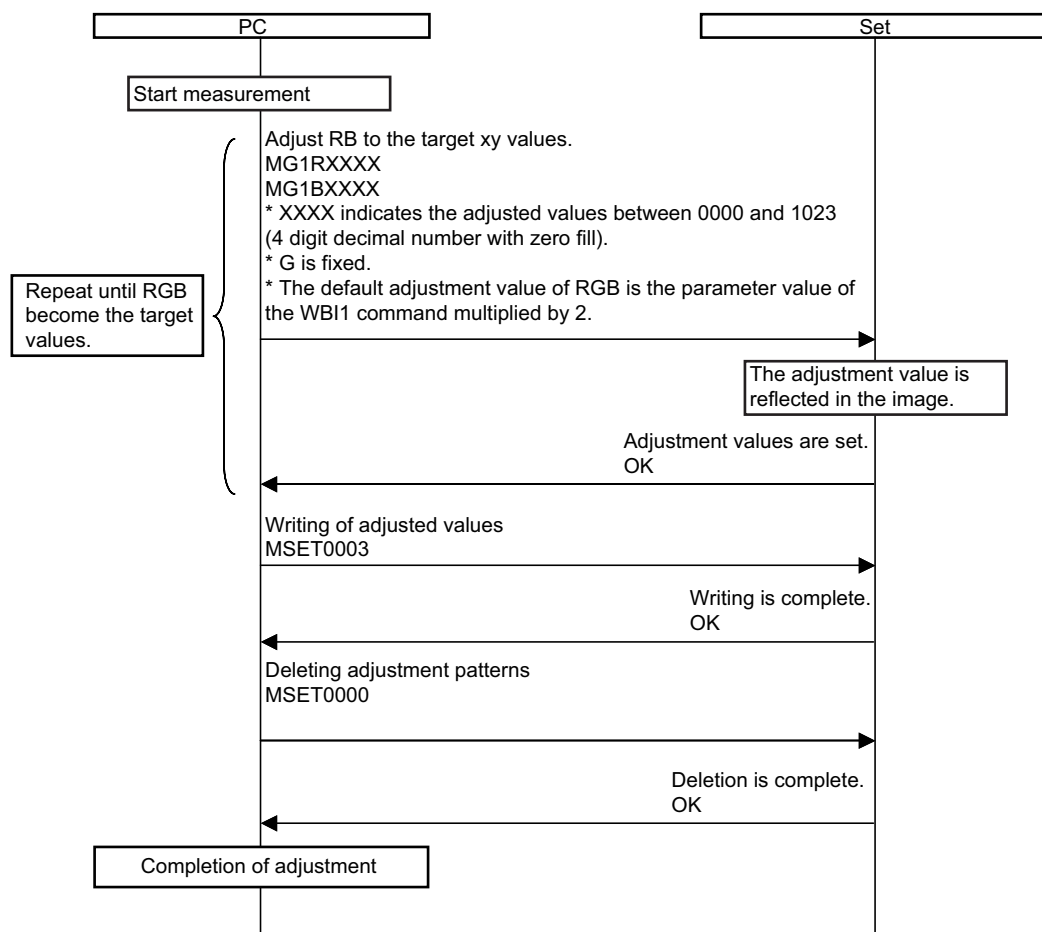
9.3. Adjustment sequence (adjustment according to the G adjustment value of gradation 6)

* Make sure the adjusting point gradations are correct since they are different for each model.









10. Factory settings

After making the factory settings, pull off the AC cord.

NOTE: Do not turn on the power once the factory settings have been made. Otherwise the factory settings must be made again.

| | Adjustment item | Adjustment conditions | Adjustment procedure |
|---|------------------|-------------------------------|--|
| 1 | Factory settings | Finally pull off the AC cord. | <ul style="list-style-type: none"> Move the cursor to the [INDUSTRY INIT (+Cause)] line. Using the [VOL+/-] keys, set this item ON and press the [ENT] key. The version confirm window appears on the green screen. When [SUCCESS] appears at the top, the factory settings are complete. (If an error occurs, [ERROR] appears on the red screen.) Finally turn off the AC power. <p>The following settings are returned to the factory ones.</p> <ol style="list-style-type: none"> 1) User settings 2) Channel data (broadcast frequencies, etc.) 3) Password setting 4) Operation time 5) Automatic installation flag 6) V-CHIP block setting |

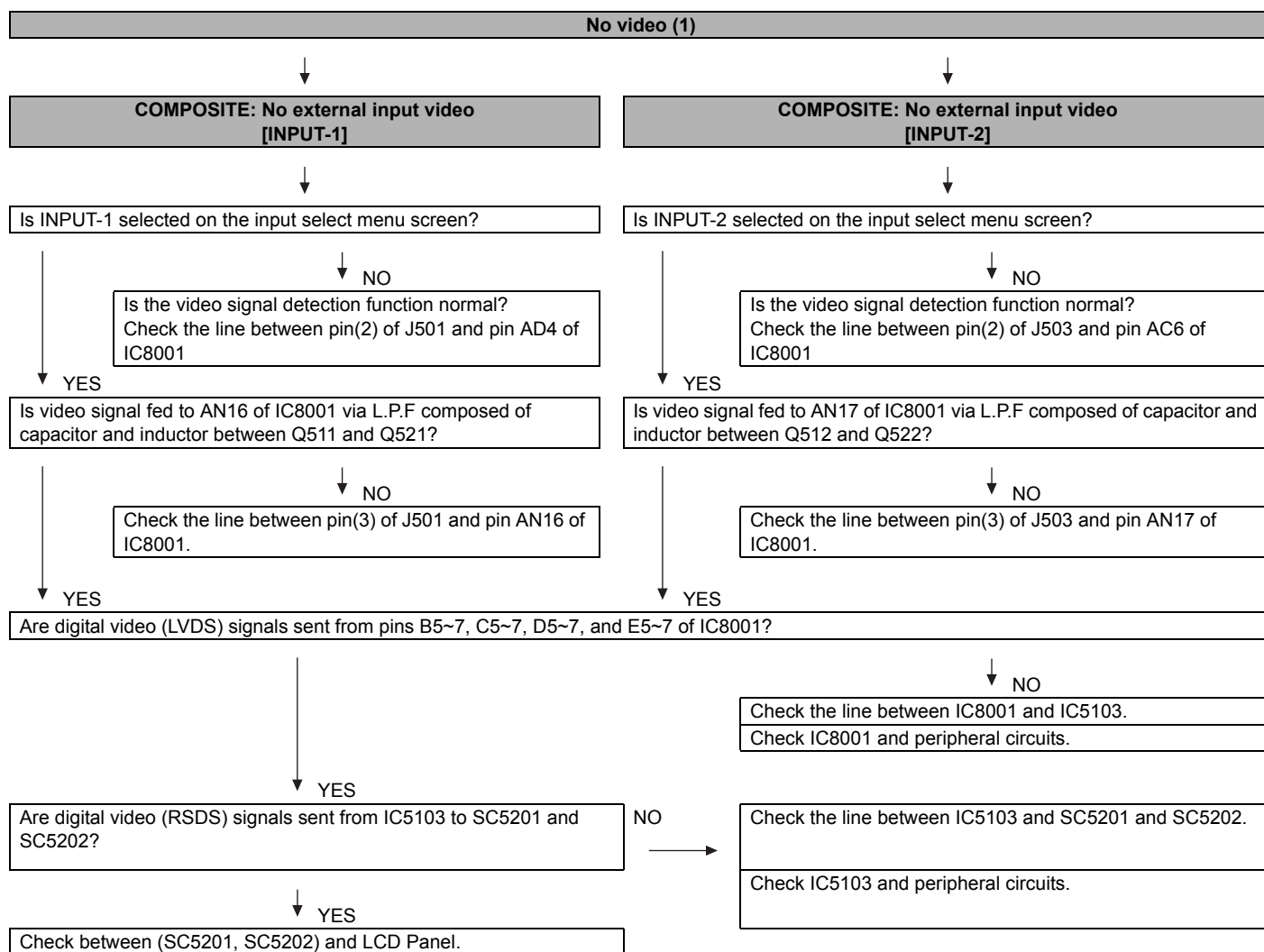
11. Software version

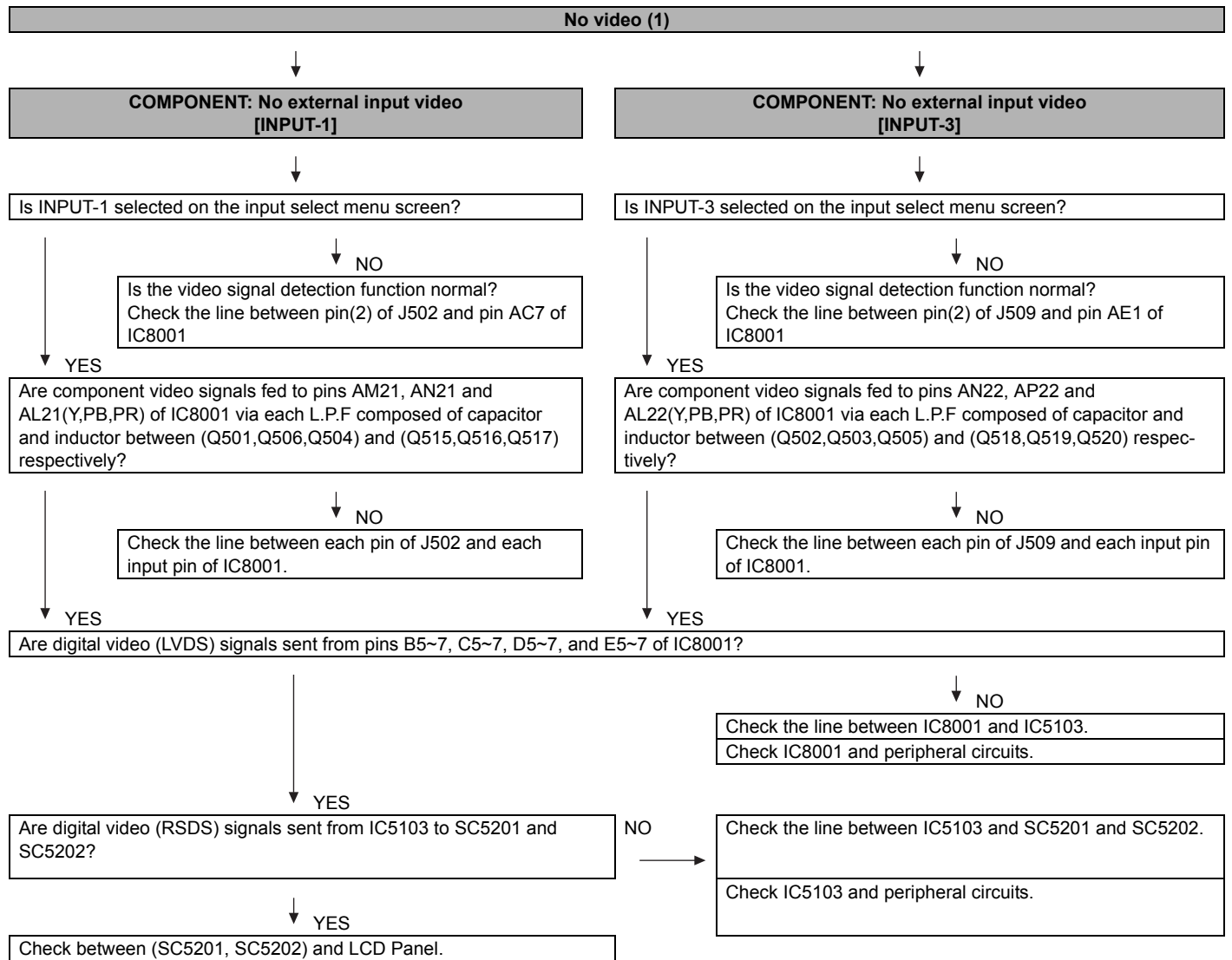
Change of software version is notified at a technical report.

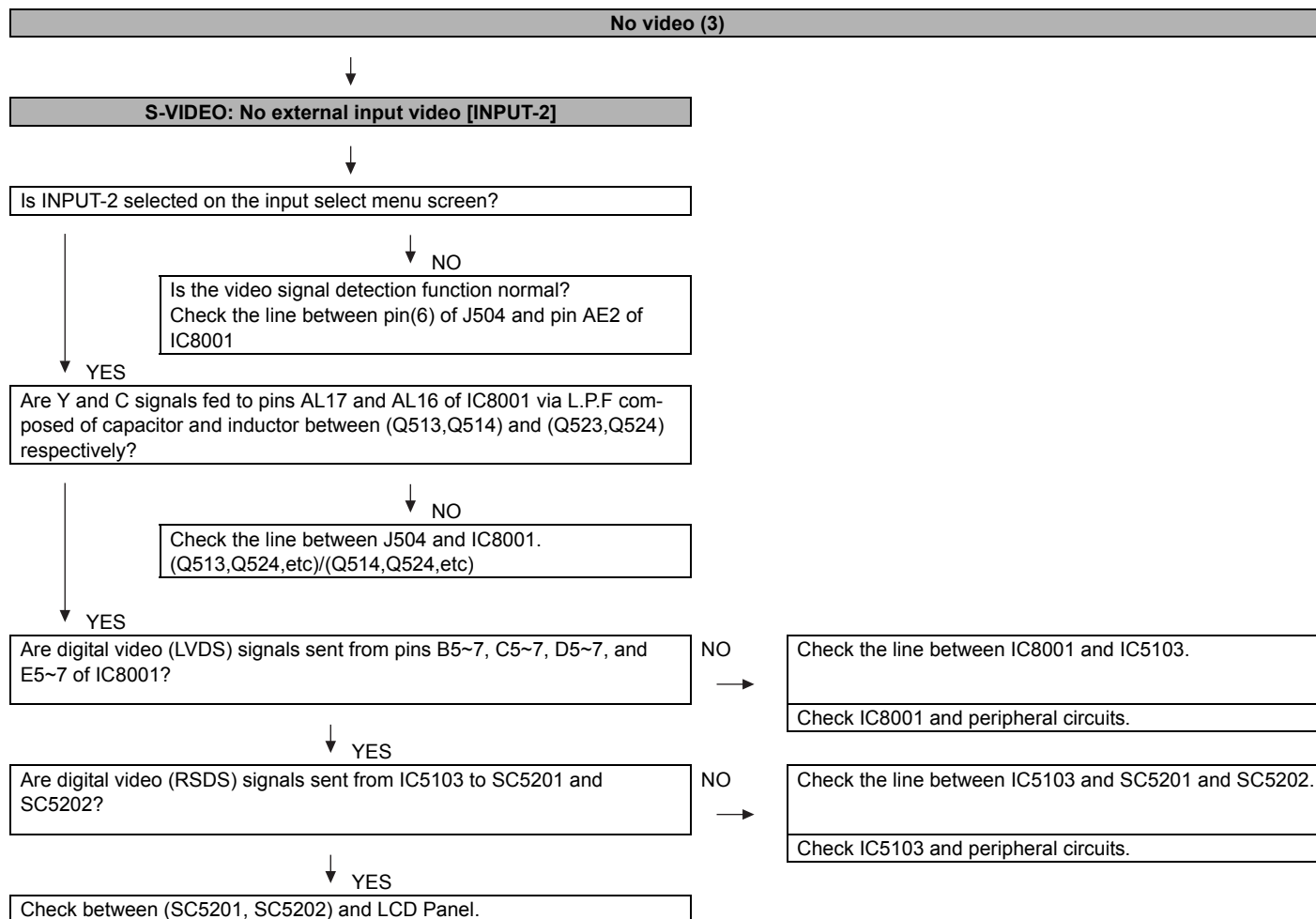
- * Main microprocessor
- * Monitor microprocessor
- * EDID data (HDMI/analog RGB)

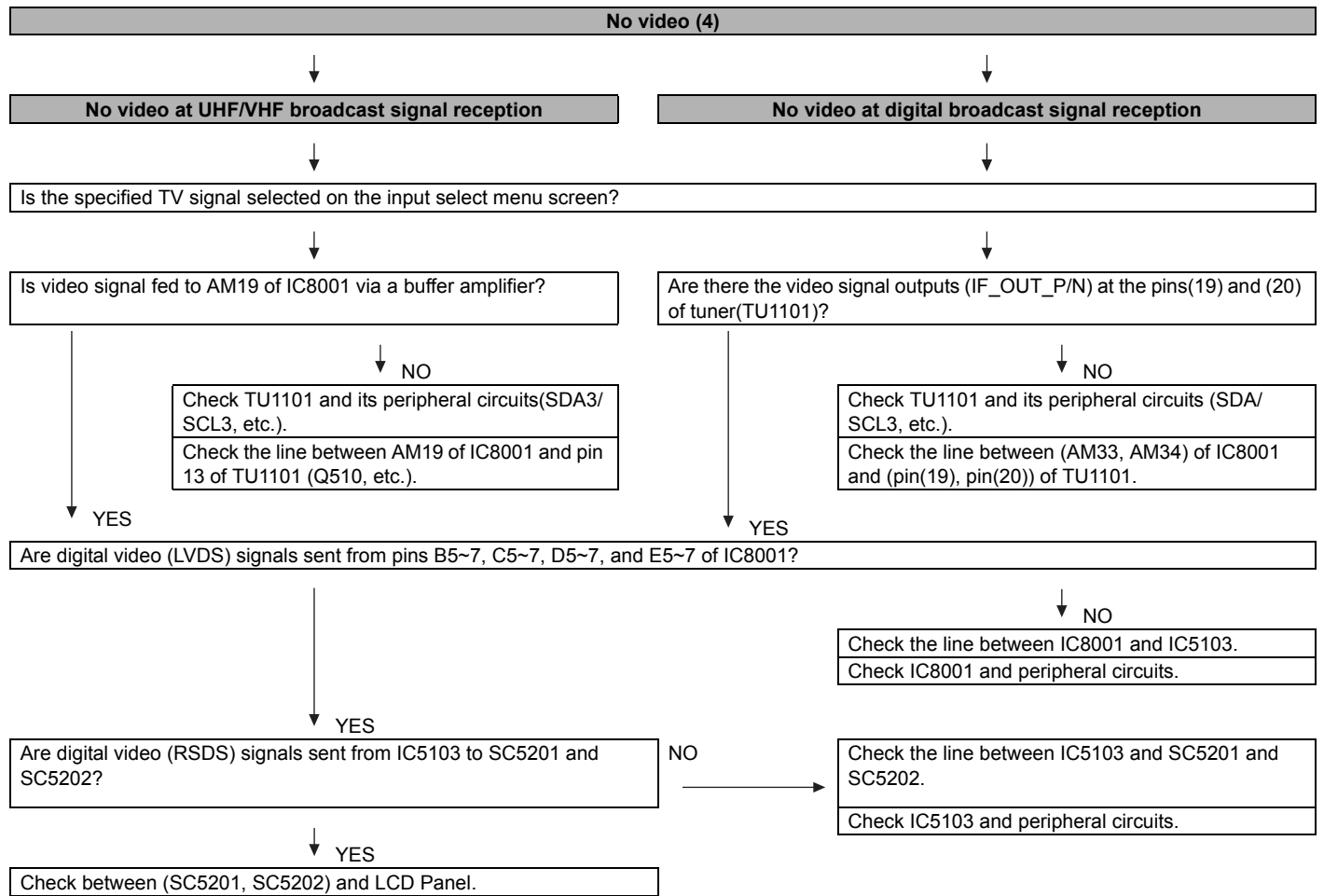
CHAPTER 6. TROUBLE SHOOTING TABLE

[1] TROUBLE SHOOTING TABLE



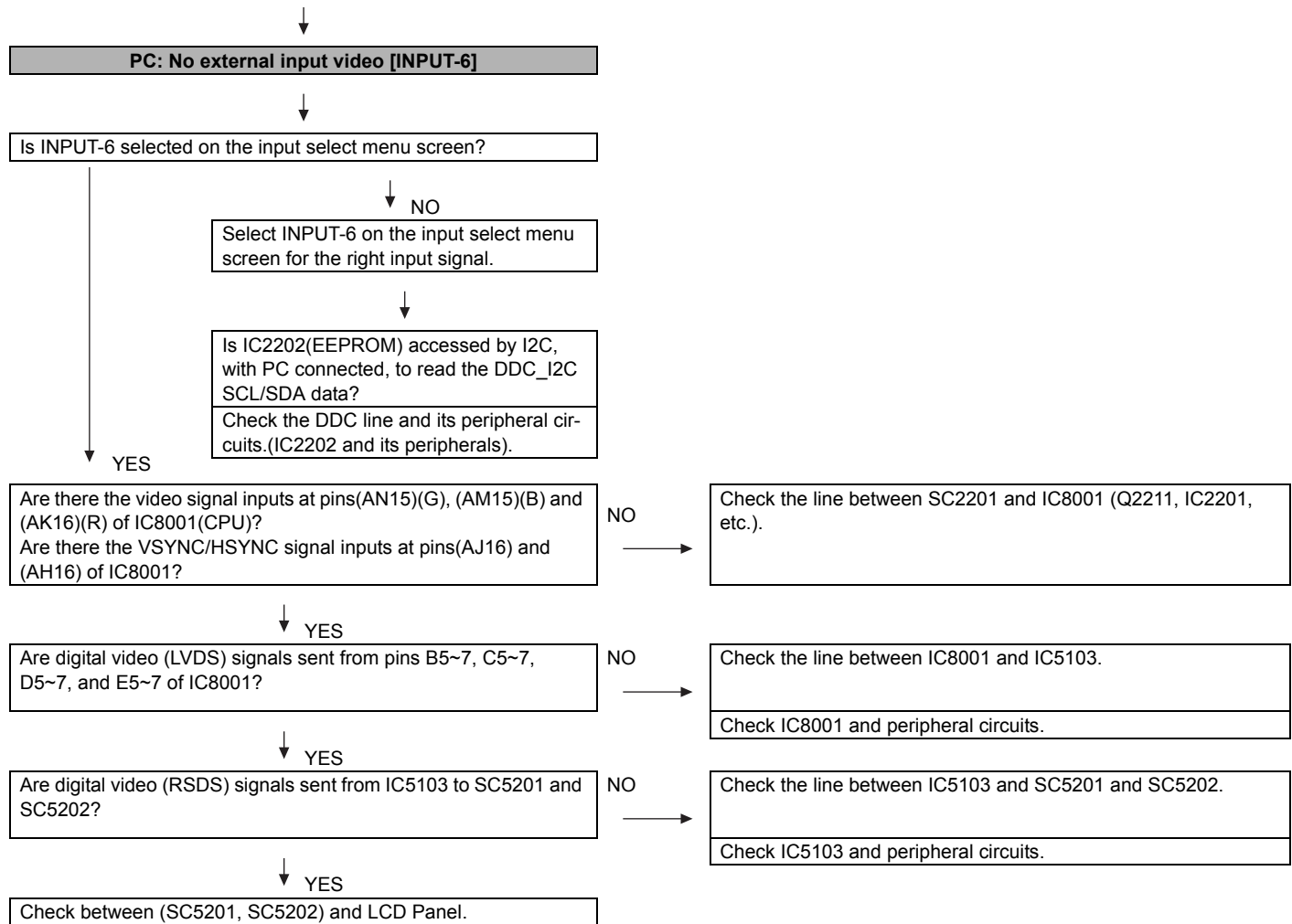


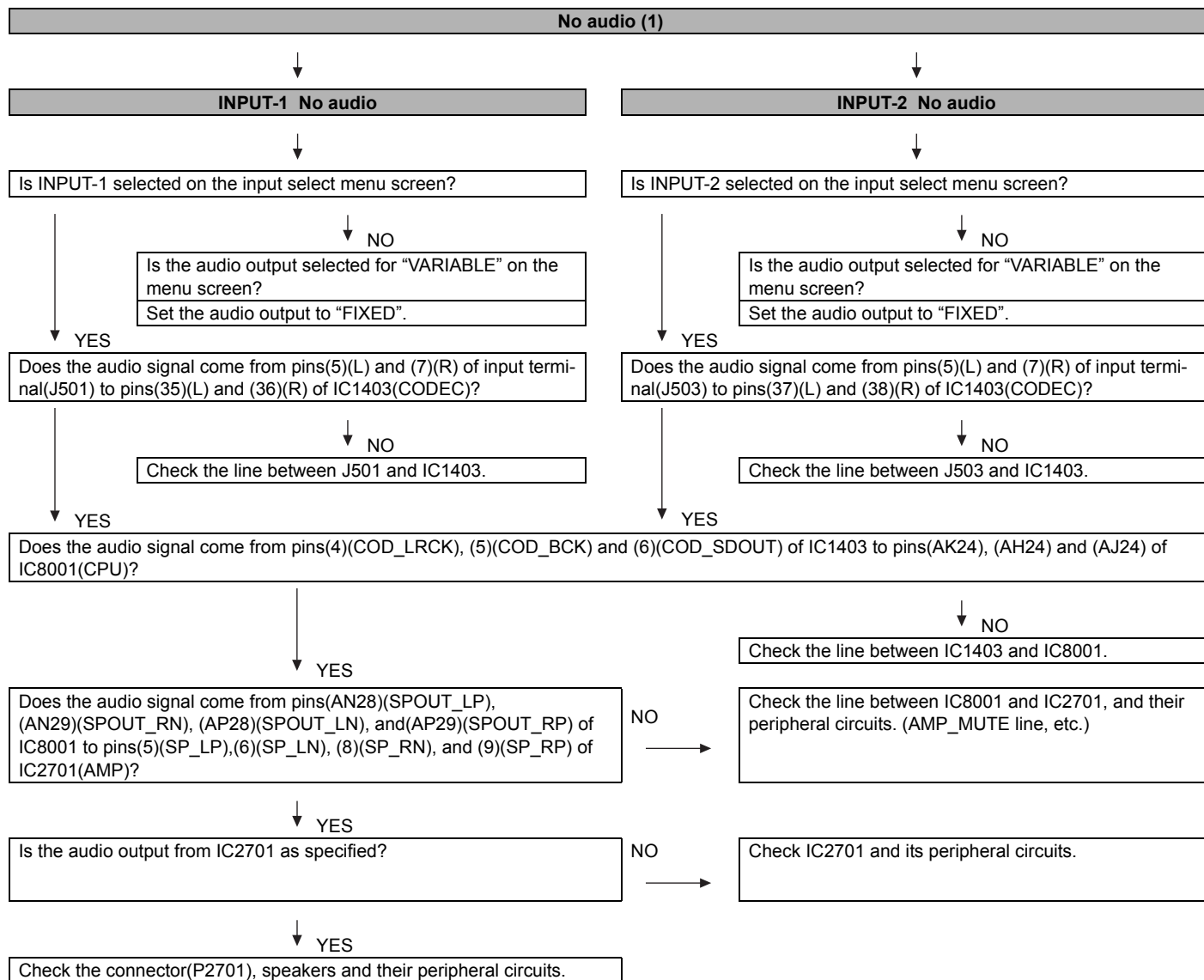


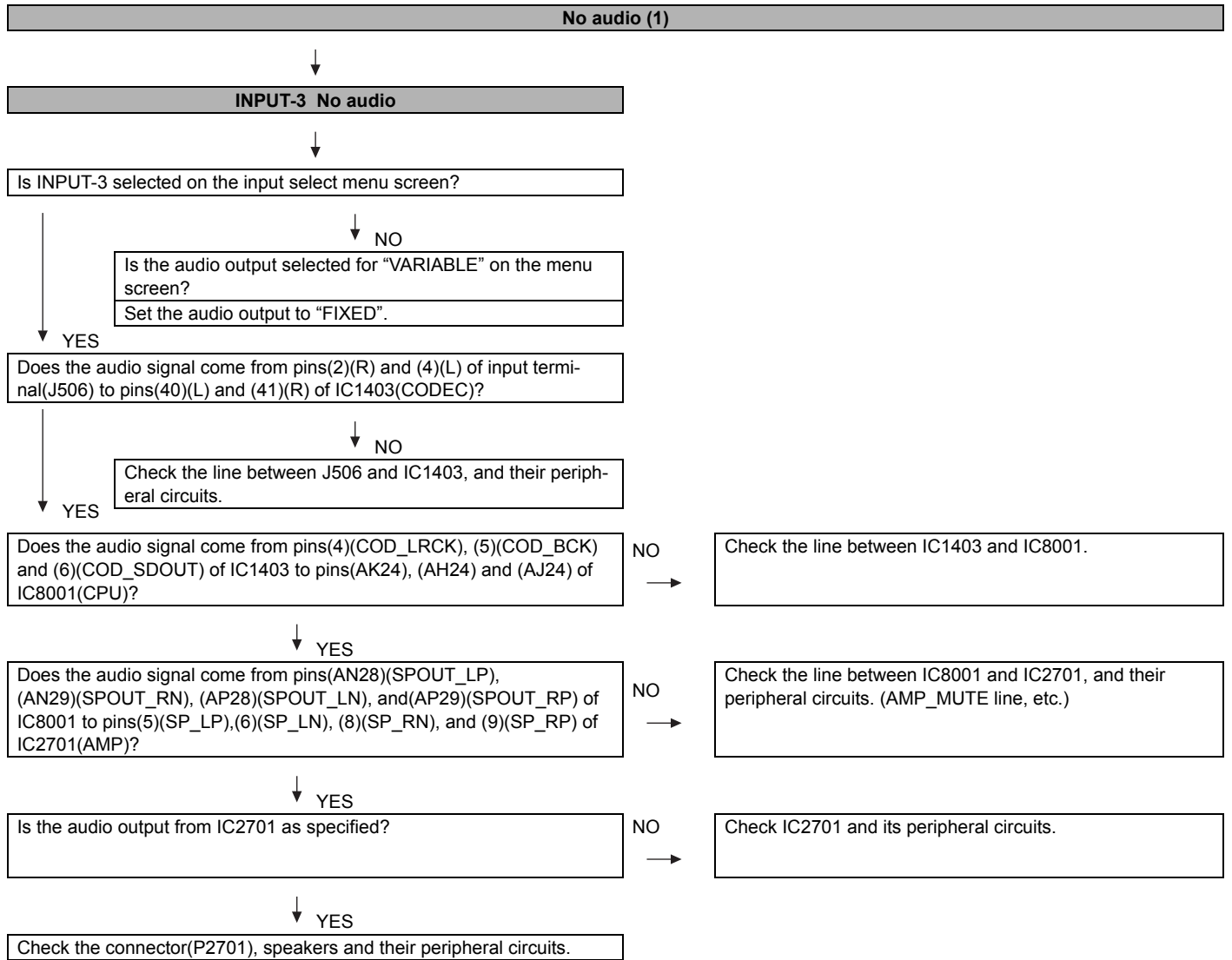


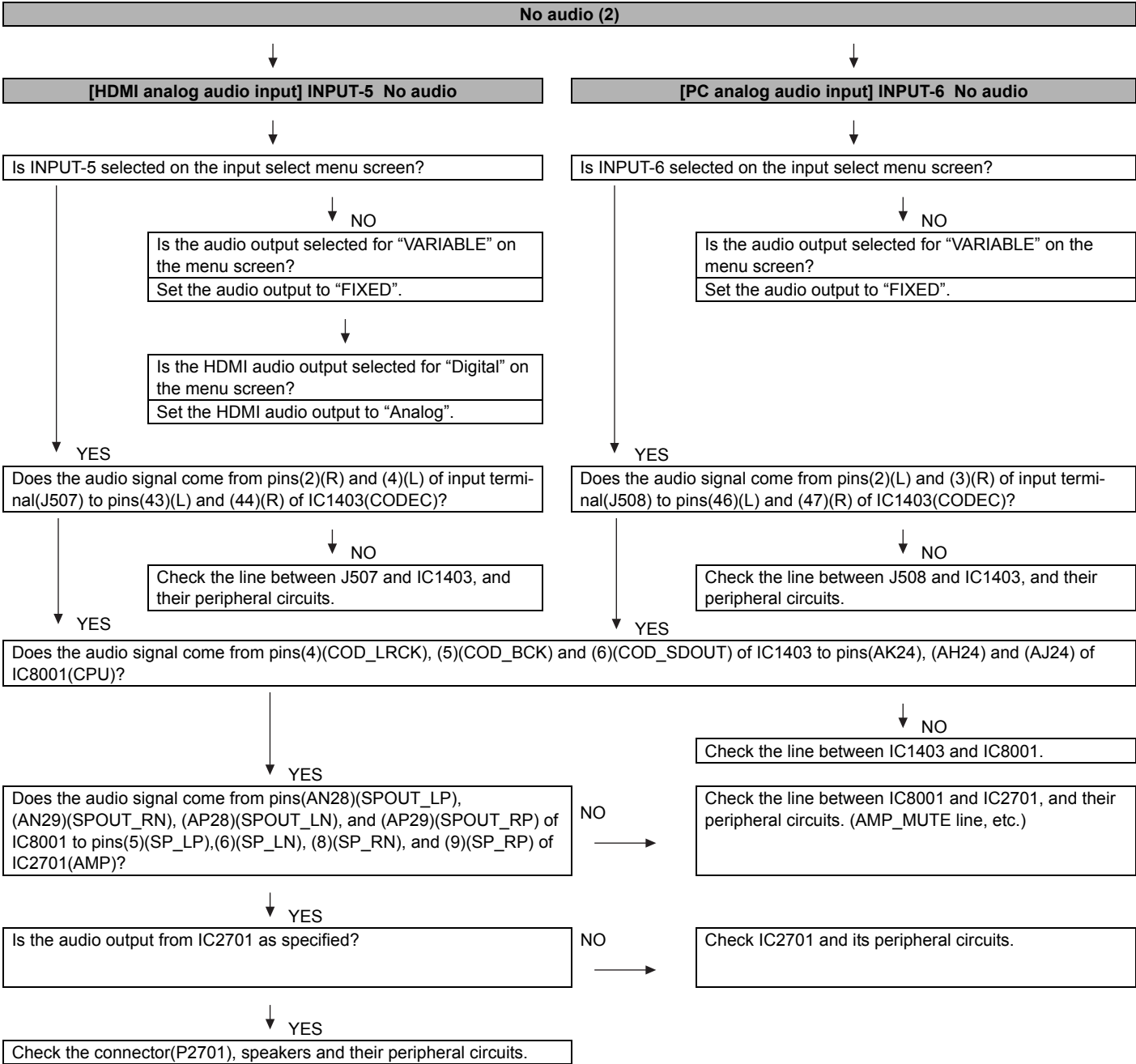


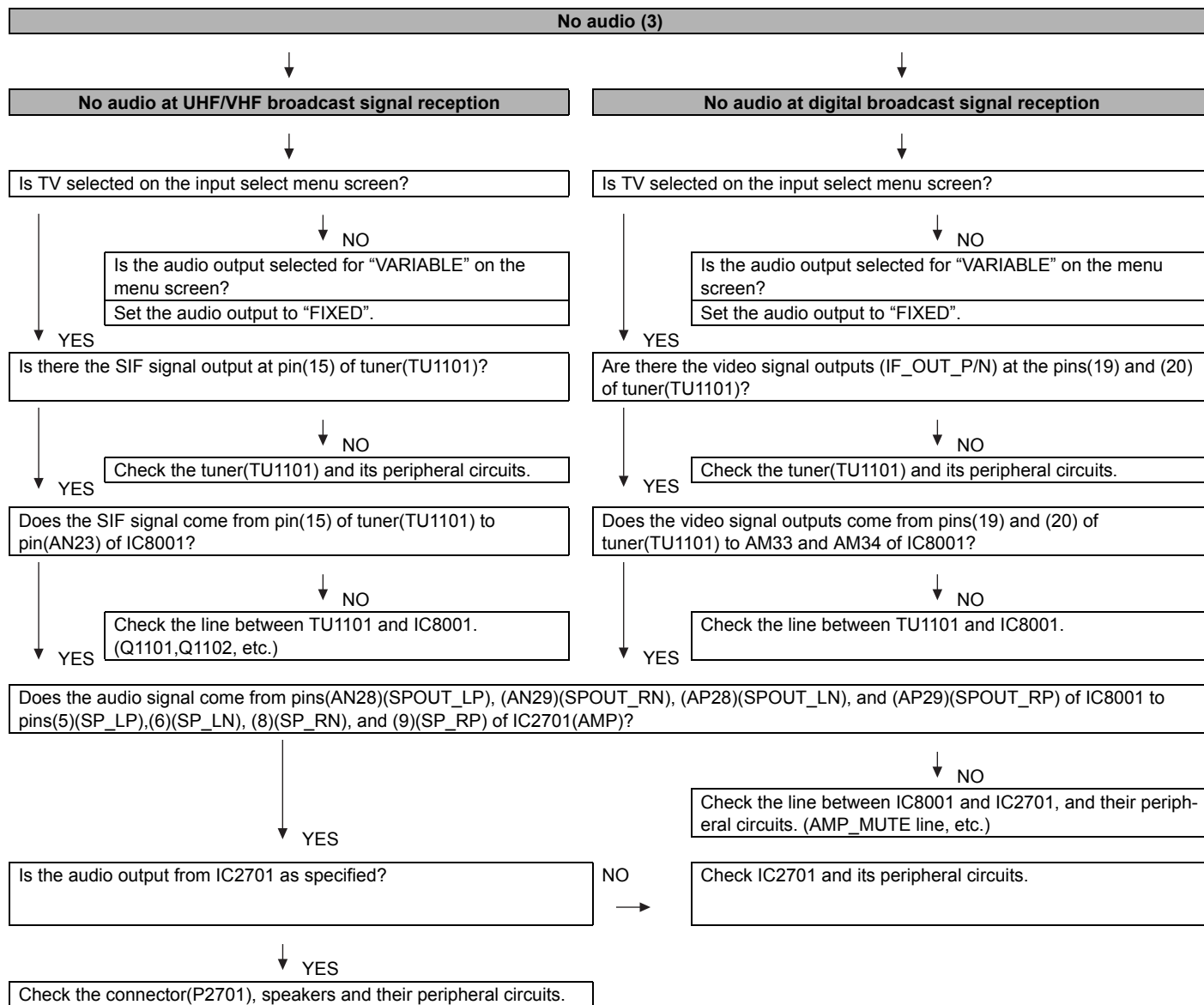
No video (6)

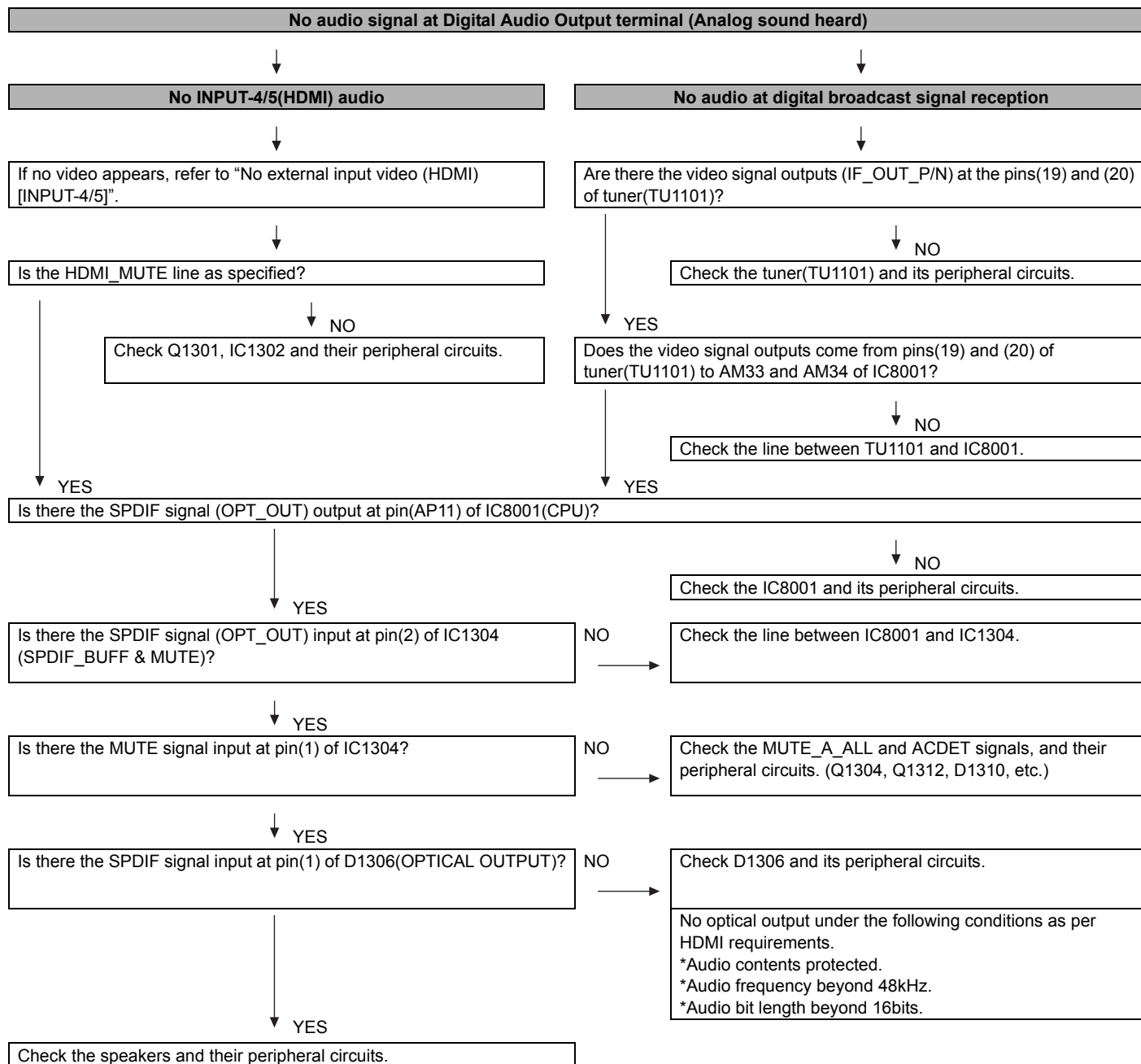


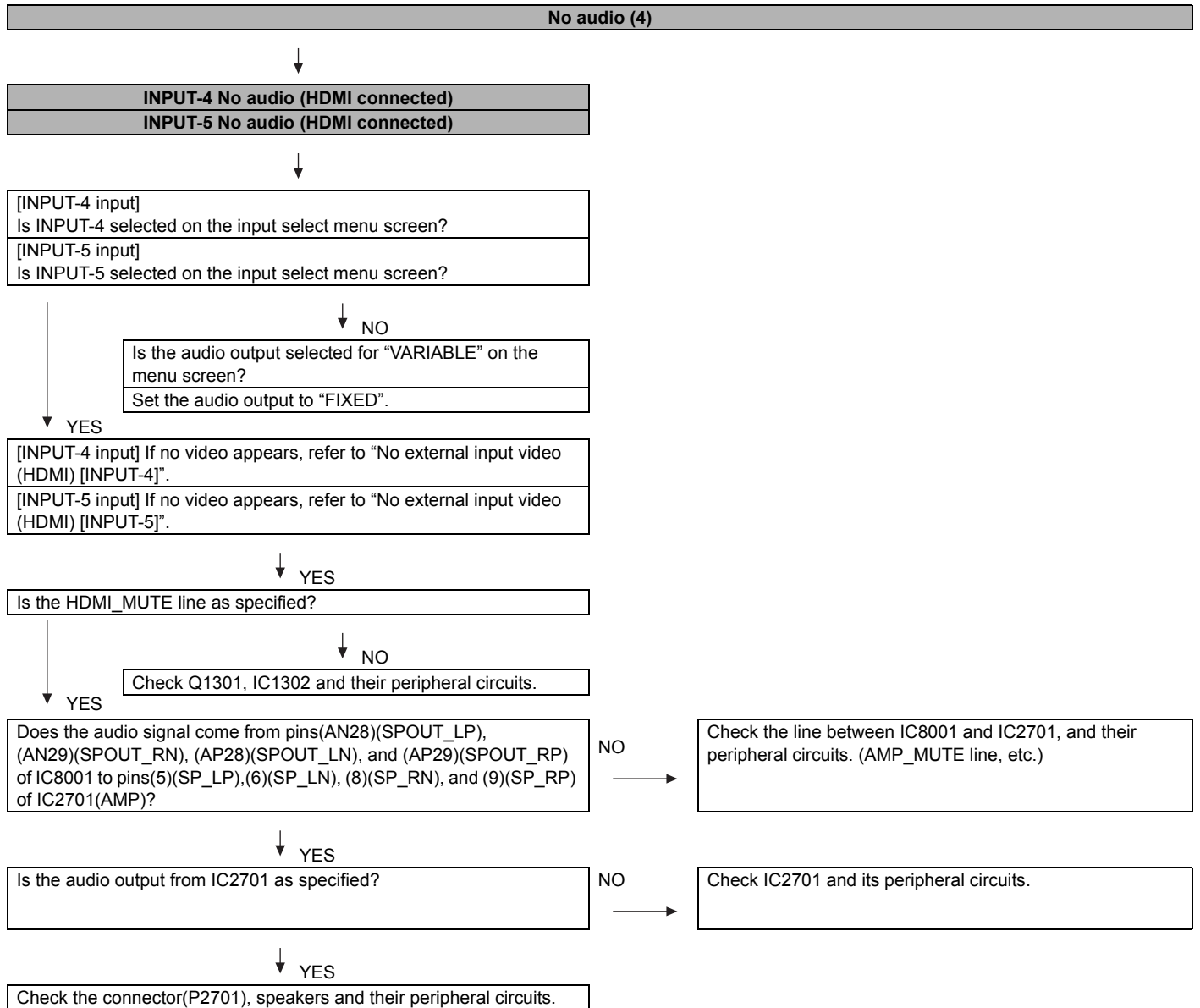


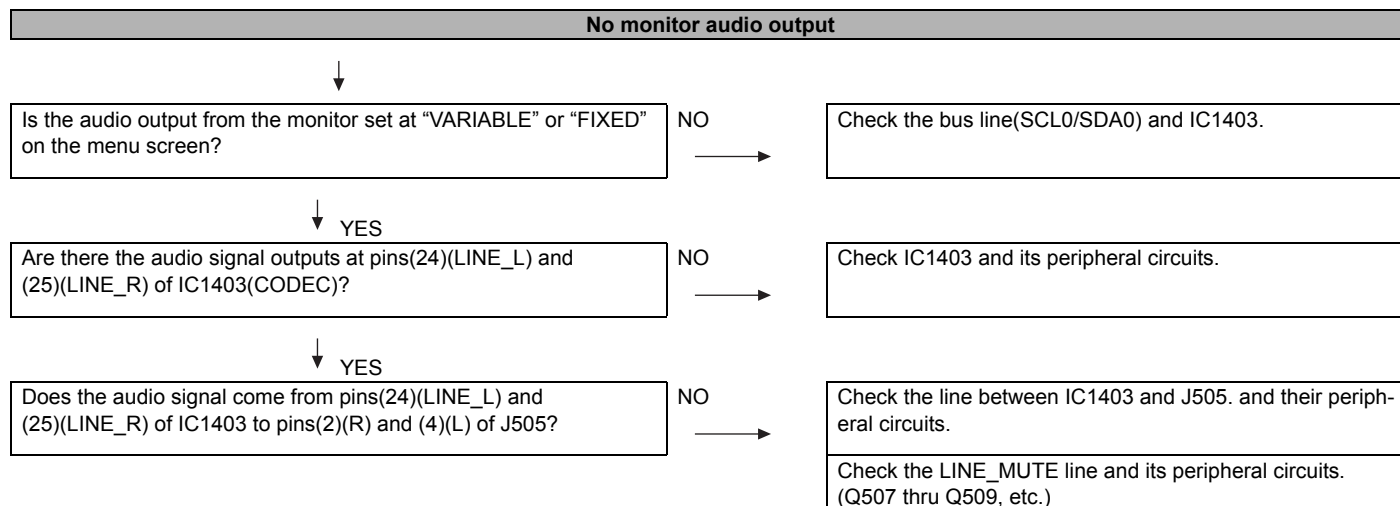




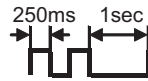


















LED flashing timing chart for error notification.






1)Green power LED

| Error type | Power green LED operation (1 cycle) | Pins are monitor microprocessor pins. |
|---|--|---|
| Lamp failure Flashes once: Fast | H: On  L: Off | ERR_PNL (pin 40): Abnormal L. Confirmed after 5 consecutive detections at 1 second intervals (detected only when the backlight is on). Note that after five detection counts, the lamp cannot be activated except in the monitoring process. (For the first time, only the inverter is reset, and error OFF is not activated) Accumulated counts are cleared to 0 when the corresponding setting in the process A is made, when the power is turned on with [CH_DOWN] and [VOL_UP] on the unit down or after continuous illumination for 3 minutes. |
| Power failure Flashes twice | H: On  L: Off | Refer to "Power failure details". |
| communication failure with main CPU Flashes 3 times | H: On  L: Off | Refer to "Communication failure details". Communication line failure or main CPU communication failure → Check debug statements for the main CPU. |
| Monitor temperature failure Flashes 5 times | H: On  L: Off | If the panel temperature is 60°C or more for 15 seconds or more in a row, CAUTION appears on the OSD of AVC (flashes in red in the lower right screen). If the panel temperature is 60°C or more for 25 seconds or more in a row, error standby is activated. (MONITOR MAX TEMP on process A mode: Change of temperature failure AD value): Thermistor |
| Illegal Flash ROM Data Flashes 8 times | H: On  L: Off | Flash ROM of Monitor Microprocessor is illegal. Update Monitor Microprocessor Software again. |

2) Power failure details (Power LED flashes twice and OPC LED flashes)

| Error type | OPC green LED operation (1 cycle) | Pins are monitor microprocessor pins unless otherwise specified. |
|--|--|---|
| PS_ON 13V/UR10V failure Flashes once | H: On L: Off  | DET_POW1 (pin 34). Main converter 13V/UR10V is not applied. If error is detected during operation, the power is turned on again by interrupt handling (instantaneous blackout processing). |
| EU_POW Main 3.3V failure Flashes twice | H: On L: Off  | DET_POW3 (pin 36): Abnormal (L). Main power 3.3V is not applied. If error is detected during operation, error standby is activated by polling. |
| D_POW UR6V failure Flashes 3 times | H: On L: Off  | DET_POW0 (pin 33): Abnormal (L). UR6V is not applied. If error is detected during operation, error standby is activated by polling. |
| PANEL_POW Panel 5V failure Flashes 5 times | H: On L: Off  | DET_POW2 (pin 35): Abnormal (L). Panel power is not applied. If error is detected during operation, error standby is activated by polling. |
| Main failure Flashes 7 times | H: On L: Off  | Main microprocessor detection error (FAN error, 1bitAMP error, etc.) The details are displayed in "ERROR STANDBY CAUSE" on page 1 of process A mode for the main microprocessor. |

3) Communication failure details (Power LED flashes 3 times and OPC LED flash)

| Error type | OPC green LED operation (1 cycle) | Basically, communication logs are analyzed by a bus monitor or debug print logs are analyzed. |
|--|--|---|
| Initial communication reception failure Flashes once | H: On L: Off  | Initial communication from the main CPU is not received. (After canceling the reset, request for the monitor model No. is not received.) → Communication line failure or main CPU start-up failure |
| Time-out setting reception failure Start-up confirmation reception failure Flashes twice | H: On L: Off  | Time-out setting and start-up mode change cannot be received from the main CPU. (Start-up communication until time-out setting and start-up mode change is not received.) → Main CPU start-up failure or monitor microprocessor's reception failure |
| Regular communication failure Flashes 3 times | H: On L: Off  | Regular communication that is performed at 1 second intervals in the normal operation is interrupted. → Main CPU operation failure or monitor microprocessor's reception failure |

CHAPTER 7. MAJOR IC INFORMATIONS

[1] MAJOR IC INFORMATIONS

- IC8001 (RH-iXC308WJQZQ)

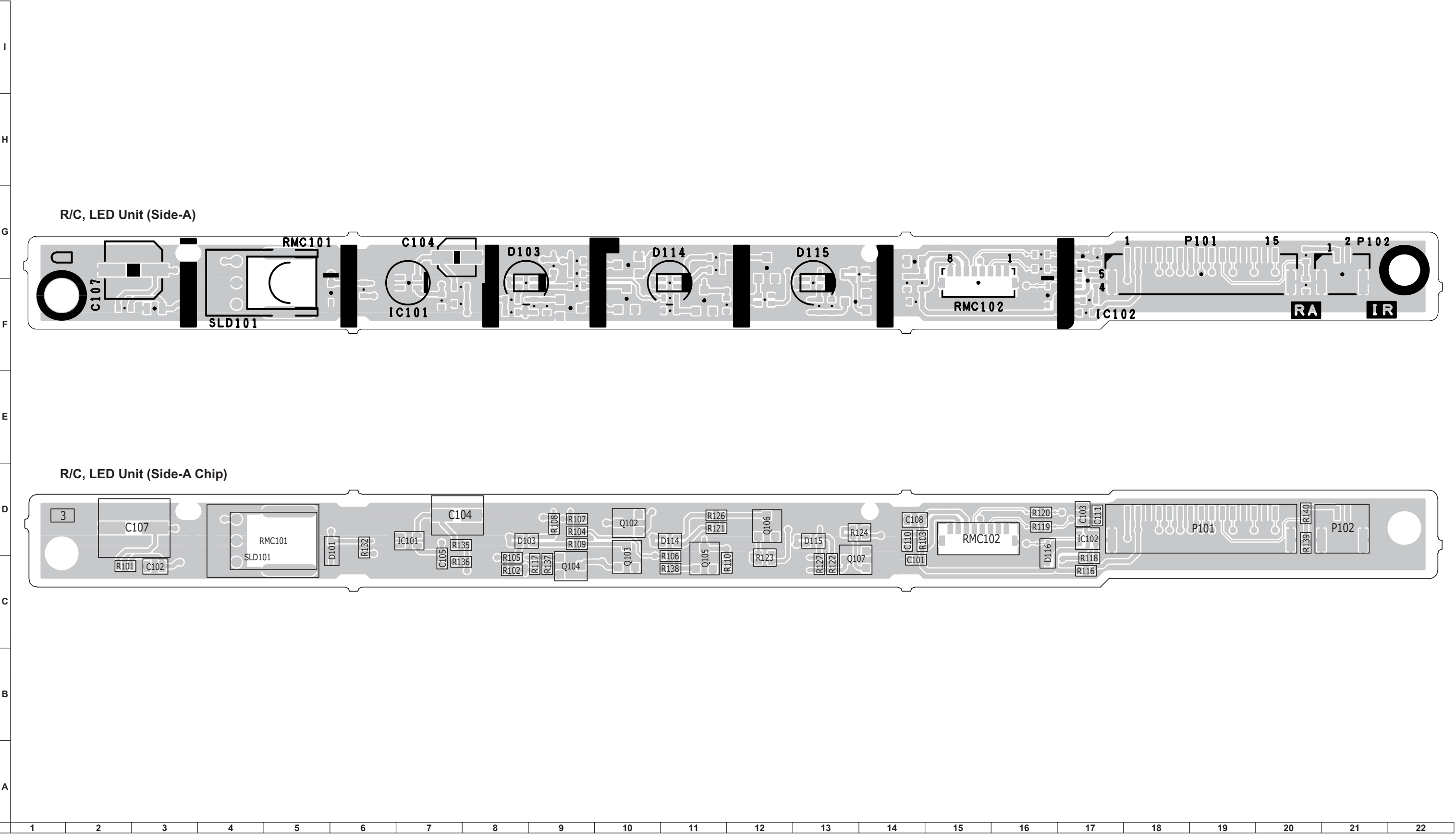
This IC is a system LSI with the following function.

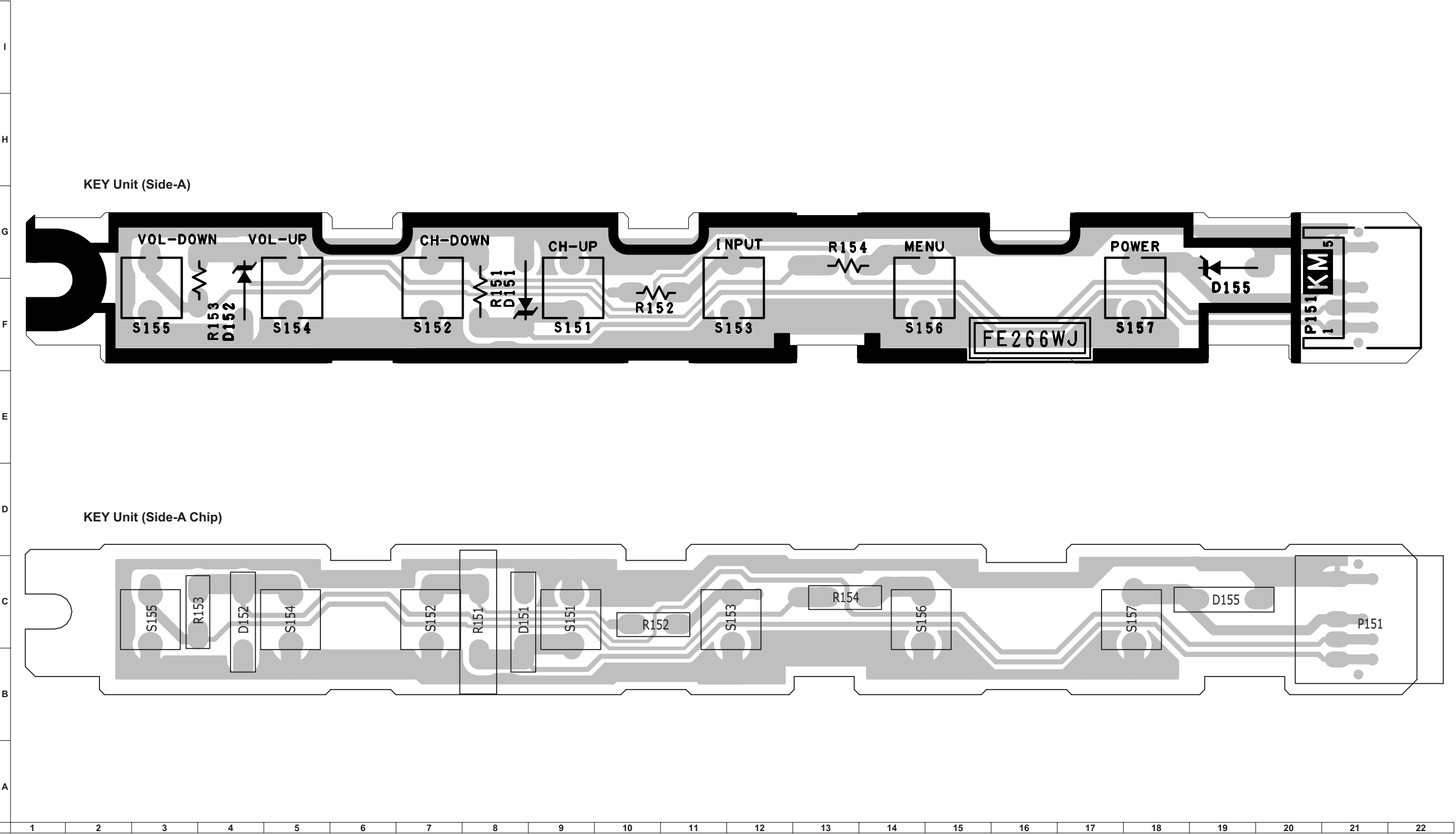
A cable, ground wave receiver, NTSC decoder, HDMI receiver, transport processor, MPEG video processor, digital audio decoder, analog video processor, graphics processor, MLPS processor, and Peripheral controller.



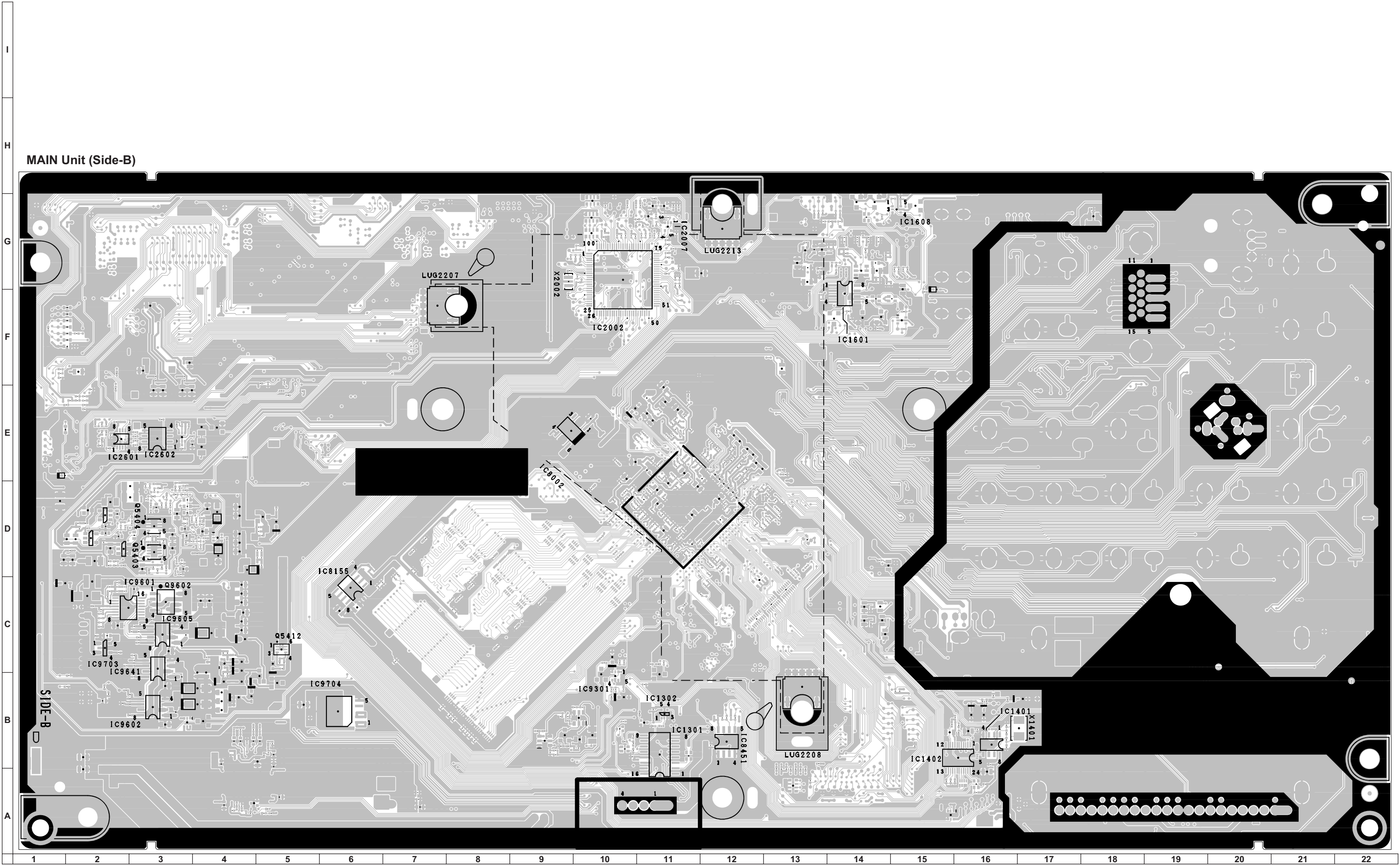
CHAPTER 9. PRINTED WIRING BOARD ASSEMBLIES

[1] R/C, LED Unit









CHAPTER 10. SCHEMATIC DIAGRAM

[1] DESCRIPTION OF SCHEMATIC DIAGRAM

1. VOLTAGE MEASUREMENT CONDITION:

- 1) The voltages at test points are measured on exclusive AC adaptor and the stable supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

2. INDICATION OF RESISTOR & CAPACITOR:

RESISTOR


- 1) The unit of resistance "Ω" is omitted.
(K=kΩ=1000Ω, M=MΩ).
- 2) All resistors are ± 5%, unless otherwise noted.
(K= ± 10%, F= ± 1%, D= ± 0.5%)
- 3) All resistors are 1/16W, unless otherwise noted.


CAPACITOR

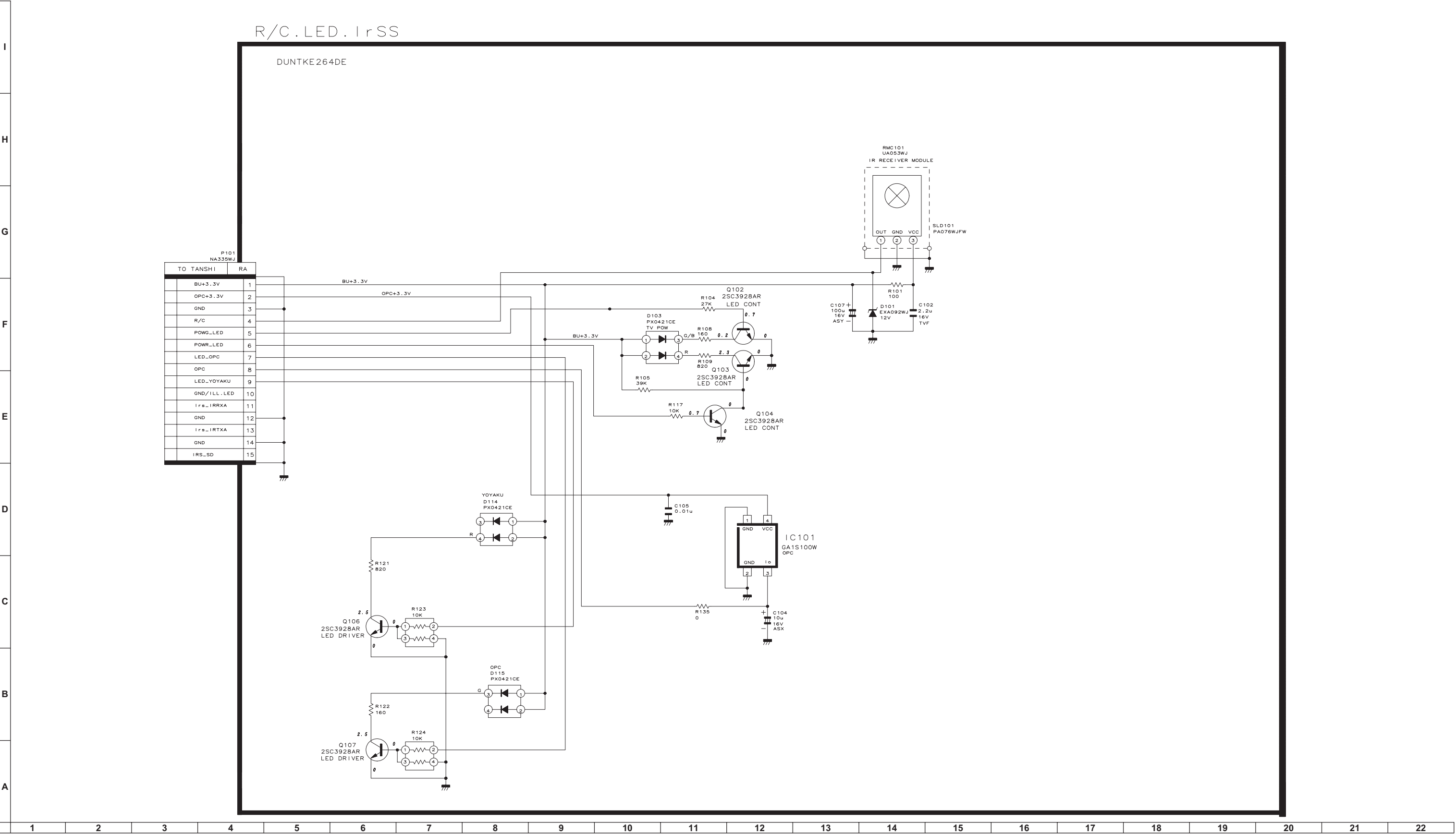
- 1) All capacitors are μF, unless otherwise noted.
(P=pF=μμF).
- 2) All capacitors are 50V, unless otherwise noted.

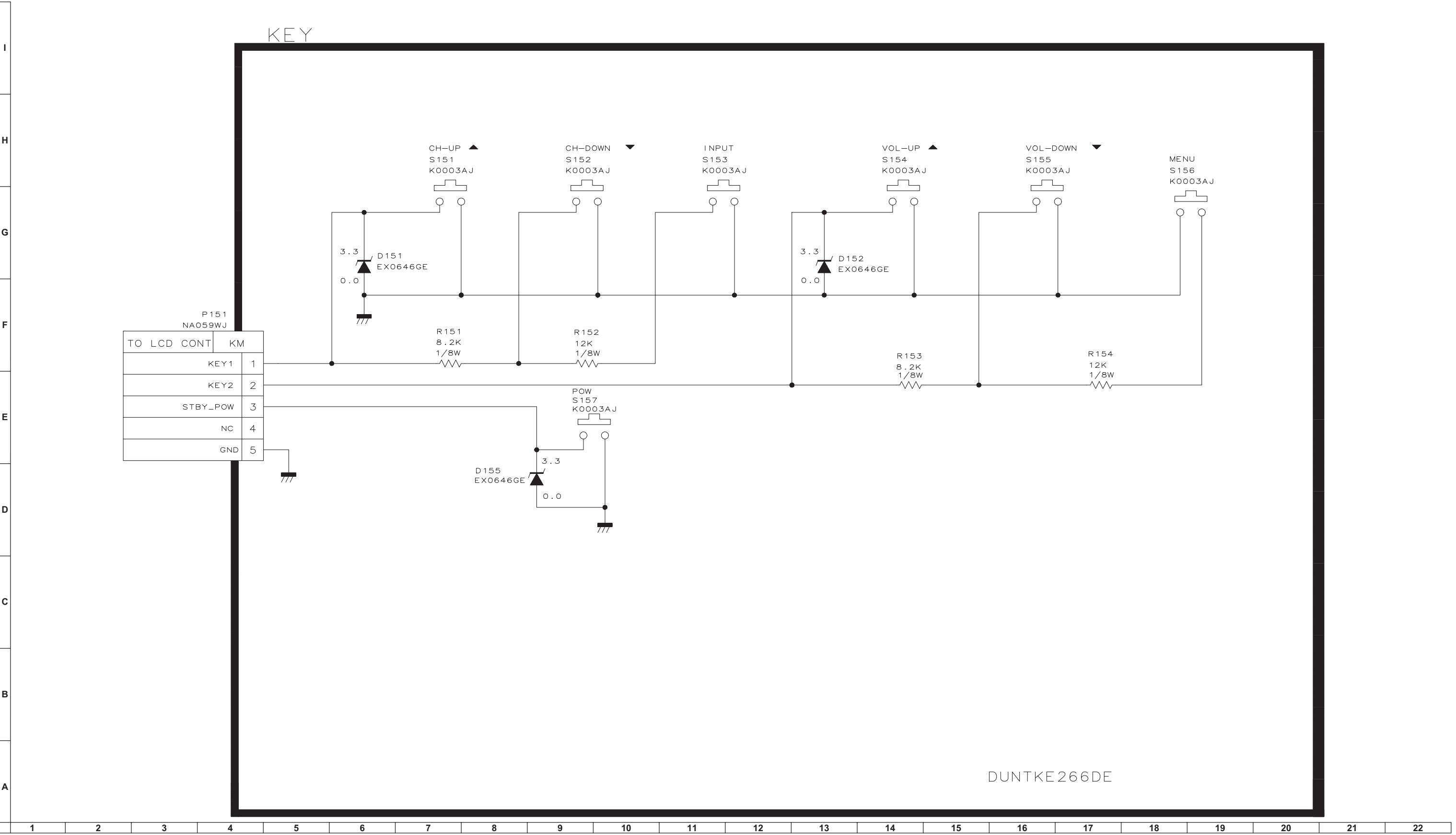
CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:
1) DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2) SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

IMPORTANT SAFETY NOTICE:
PARTS MARKED WITH " ⚠ " () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

AVIS DE SECURITE IMPORTANT:
LES PIECES MARQUEES " ⚠ " () SONT IMPORTANTES POUR MAINTENIR LA SECURITE DE L'APPAREIL. NE REMPLACER CES PIEDES QUE PAR DES PIECES DONT LE NUMERO EST SPECIFIE POUR MAINTENIR LA SECURITE ET PROTEGER LE BON FONCTIONNEMENT DE L'APPAREIL.



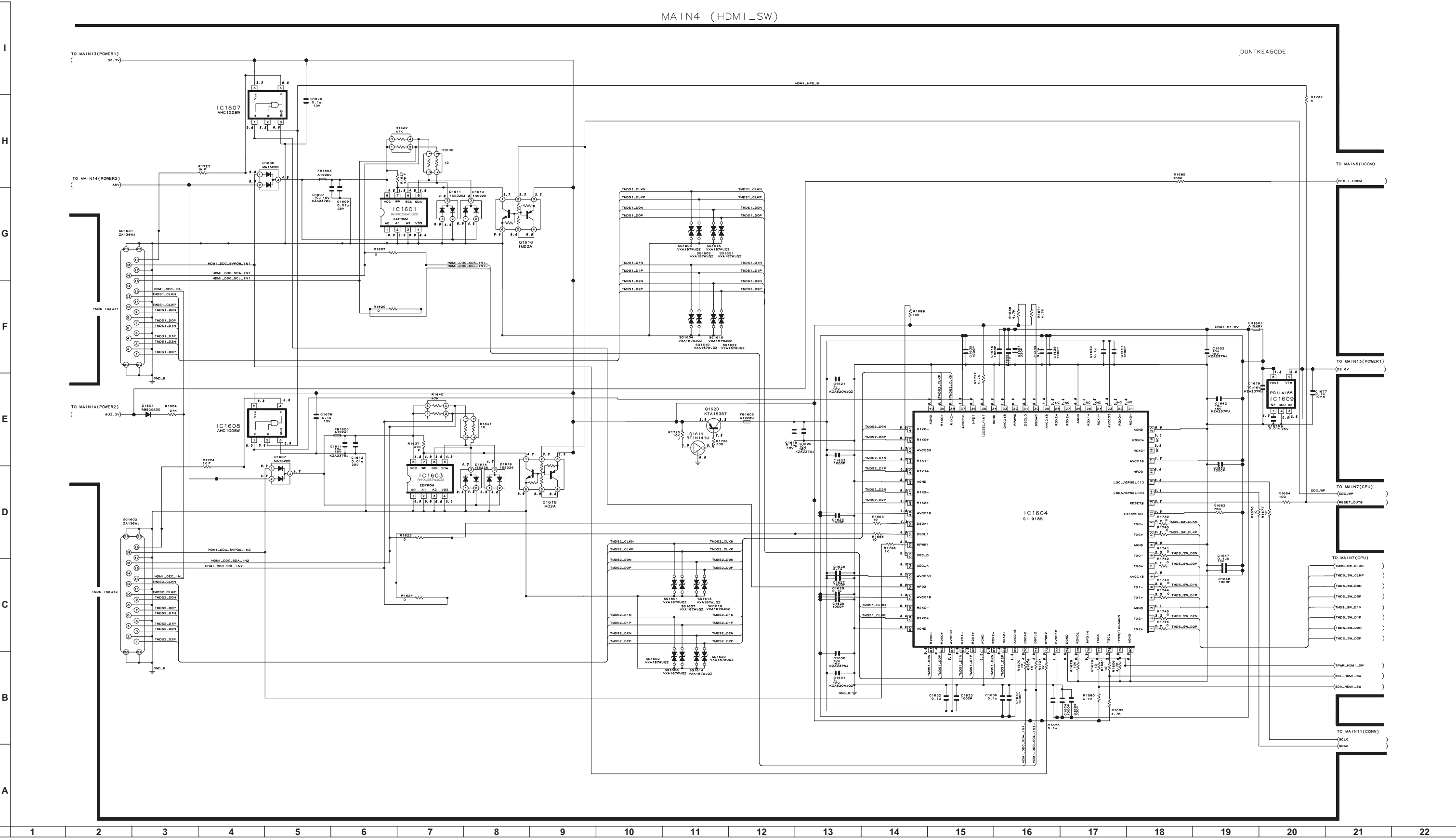


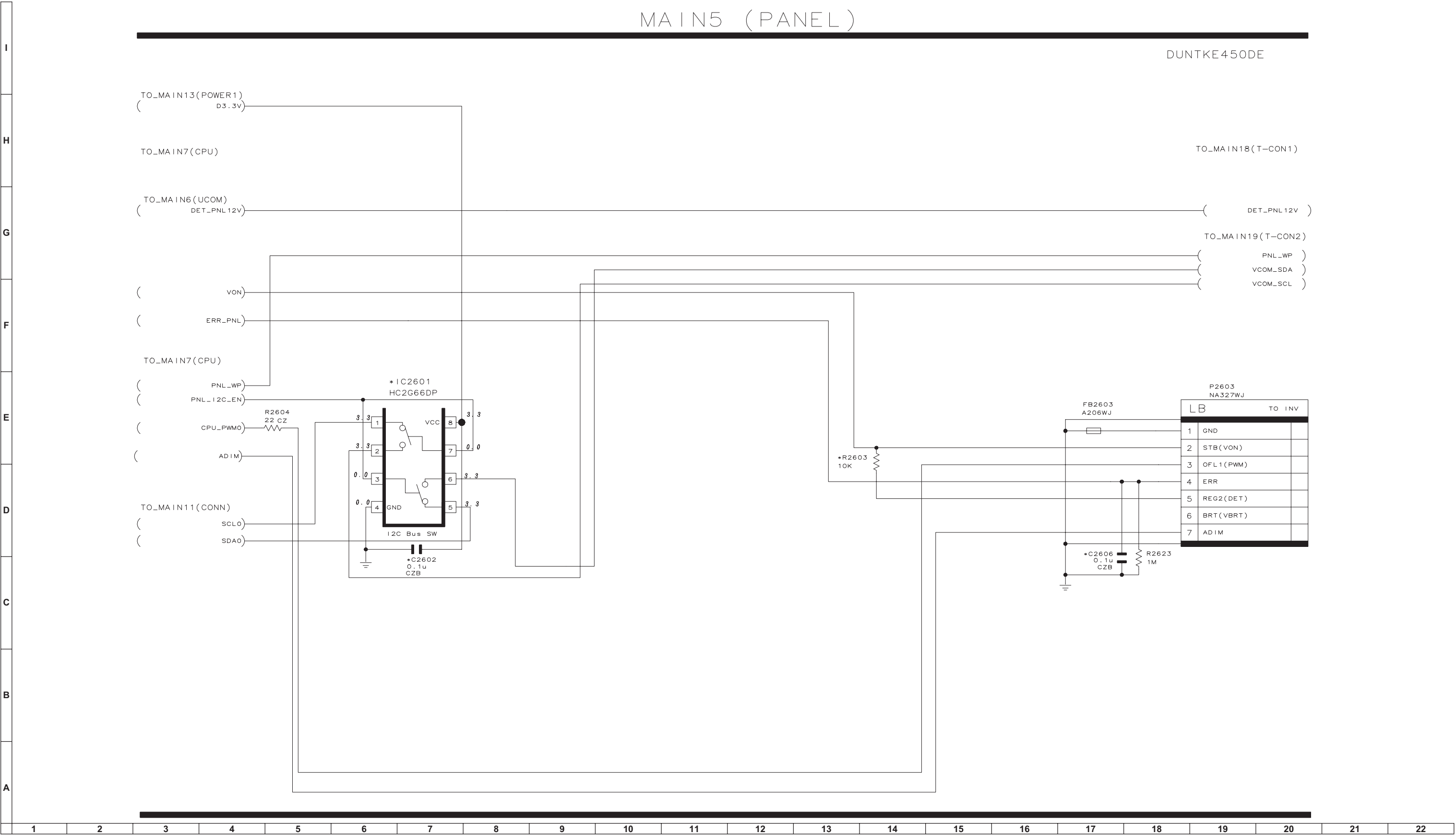




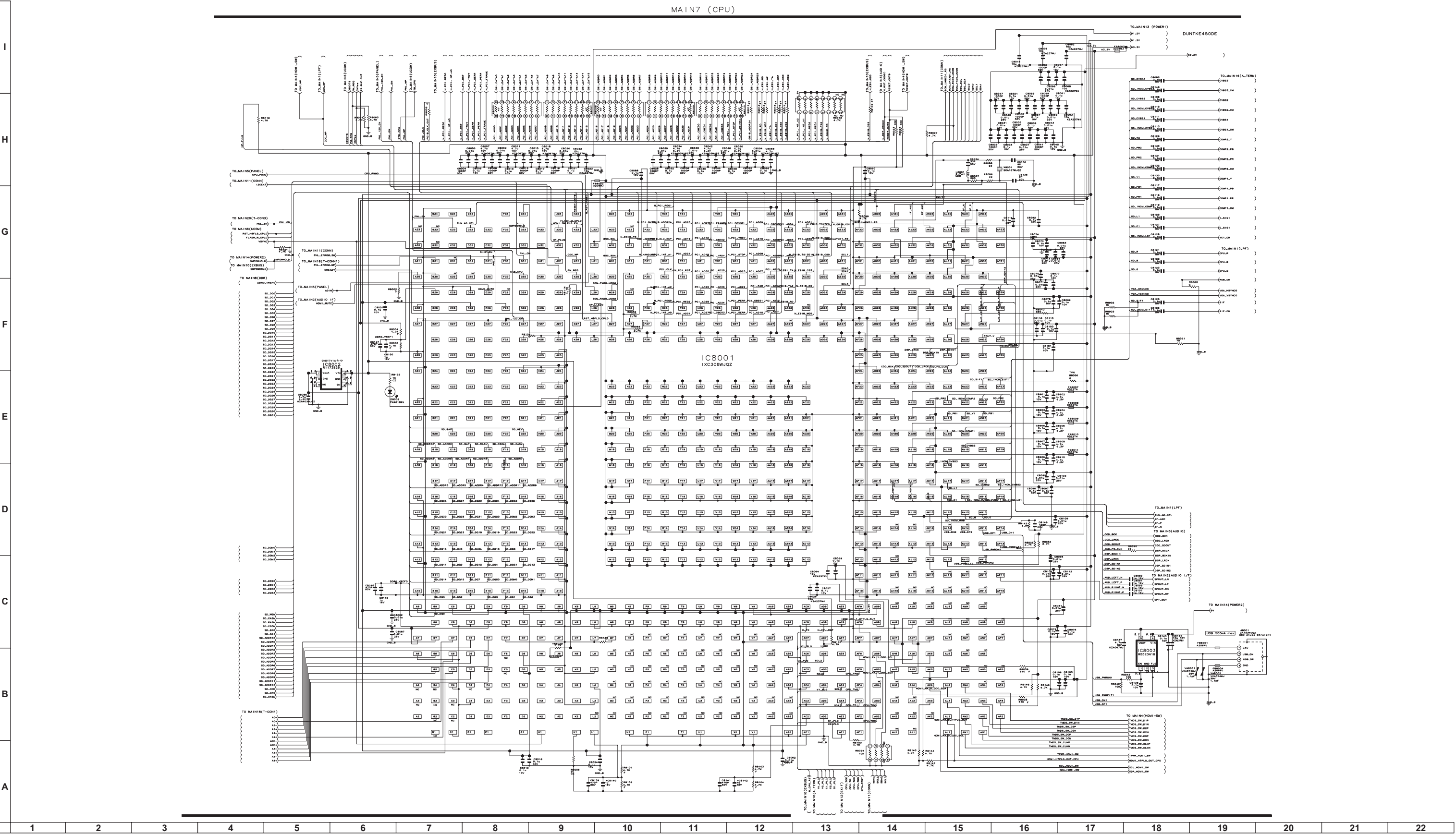


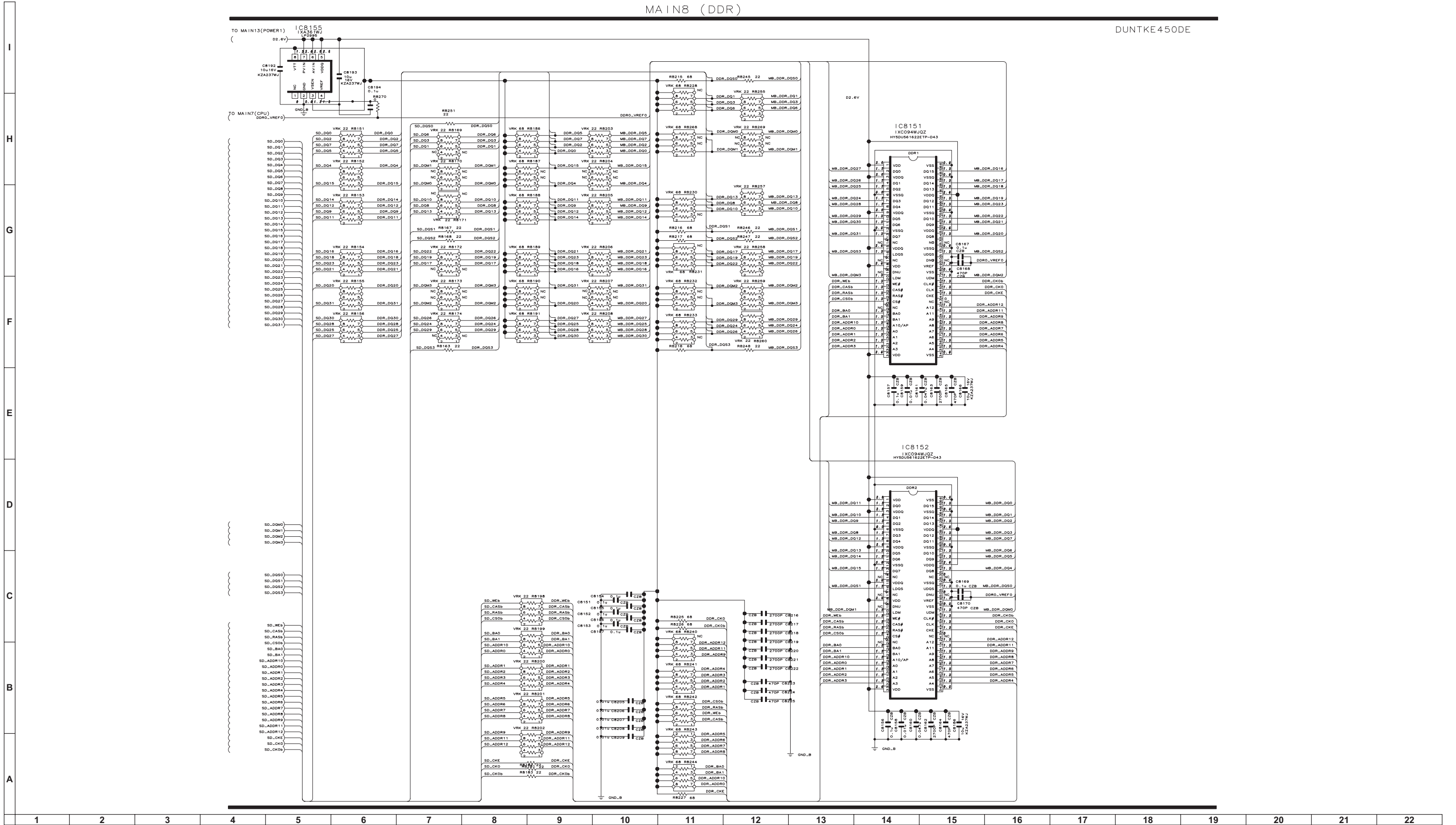
MAIN Unit-4/20

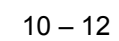


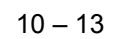


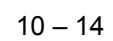


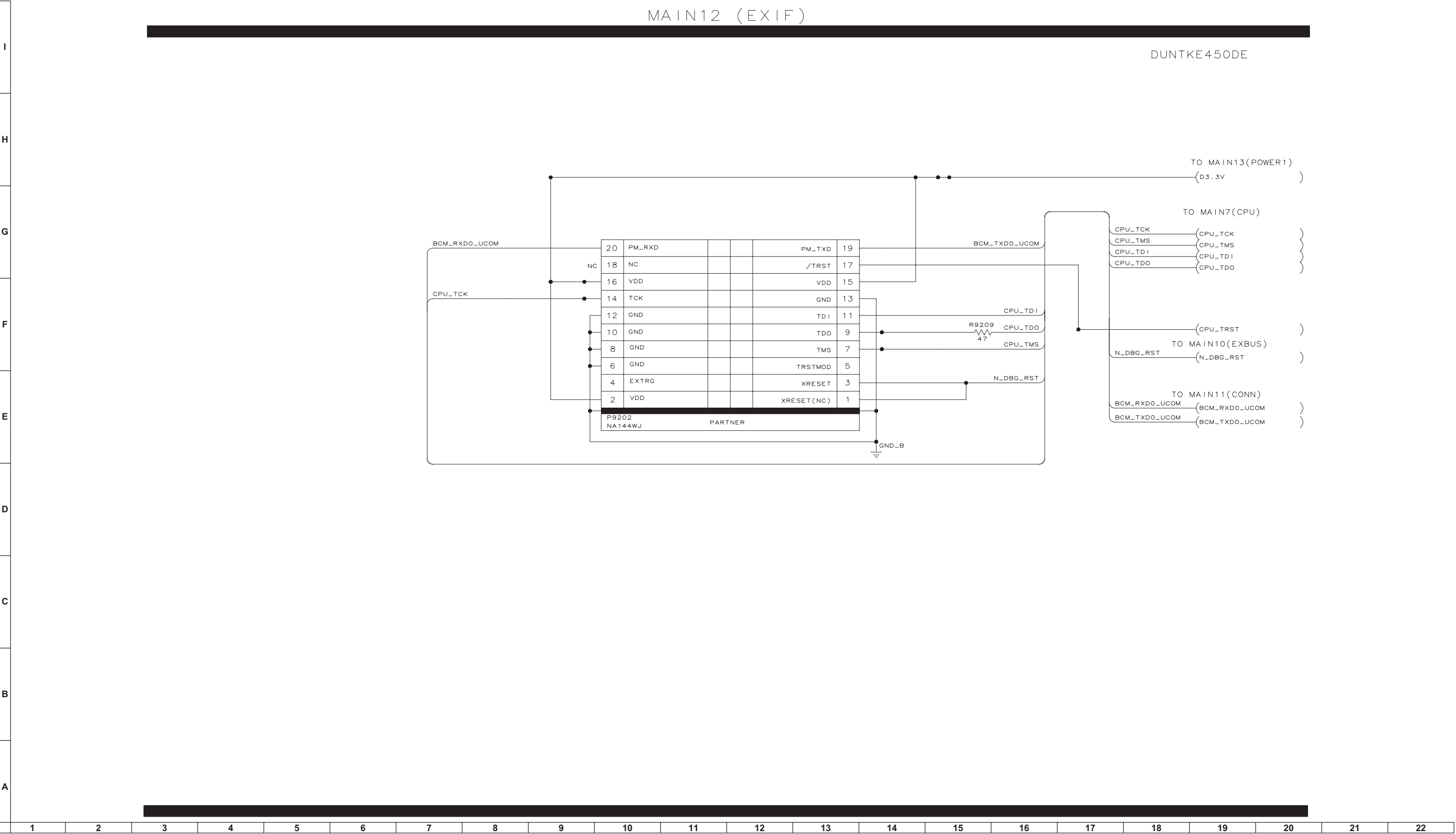


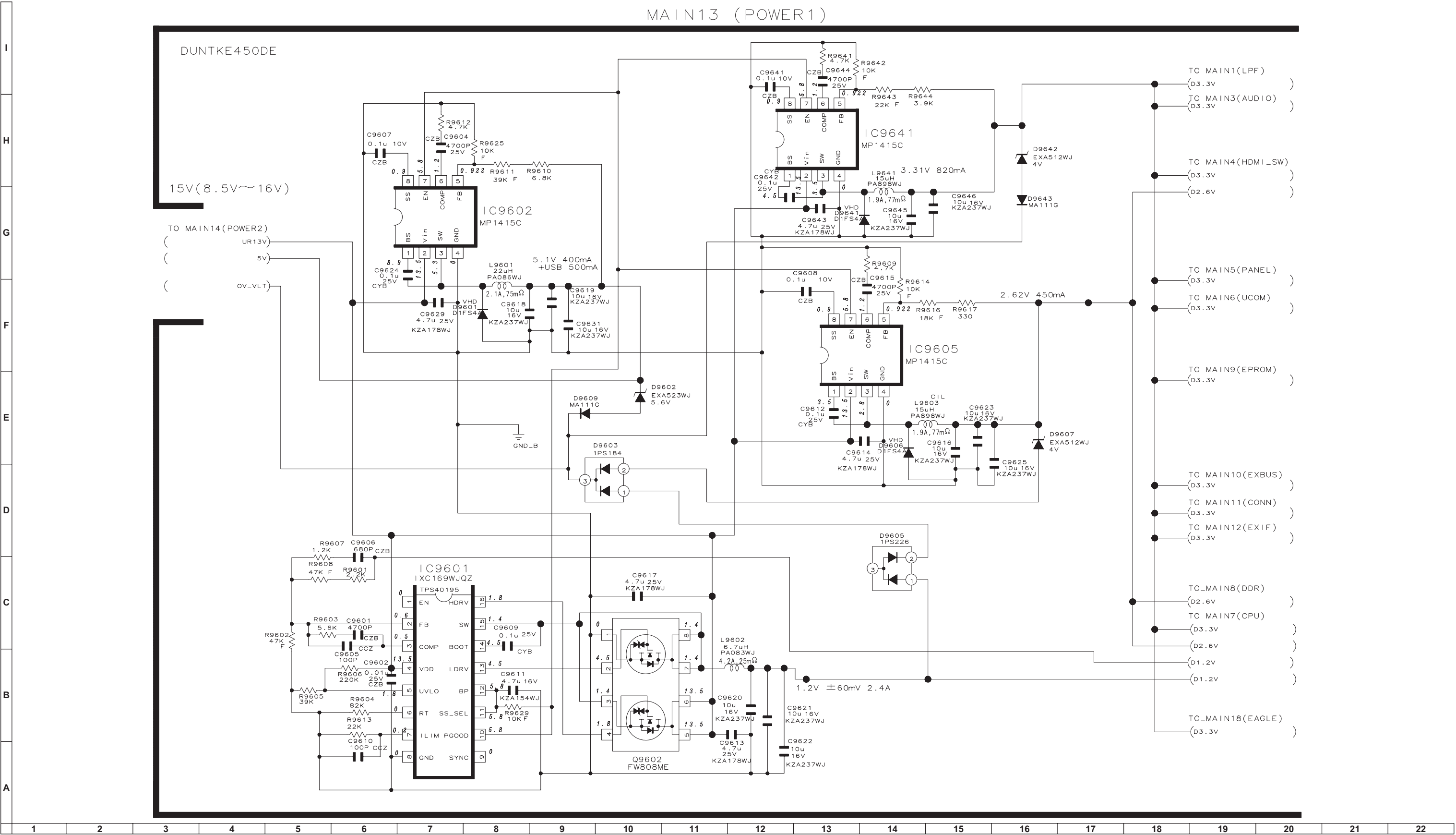


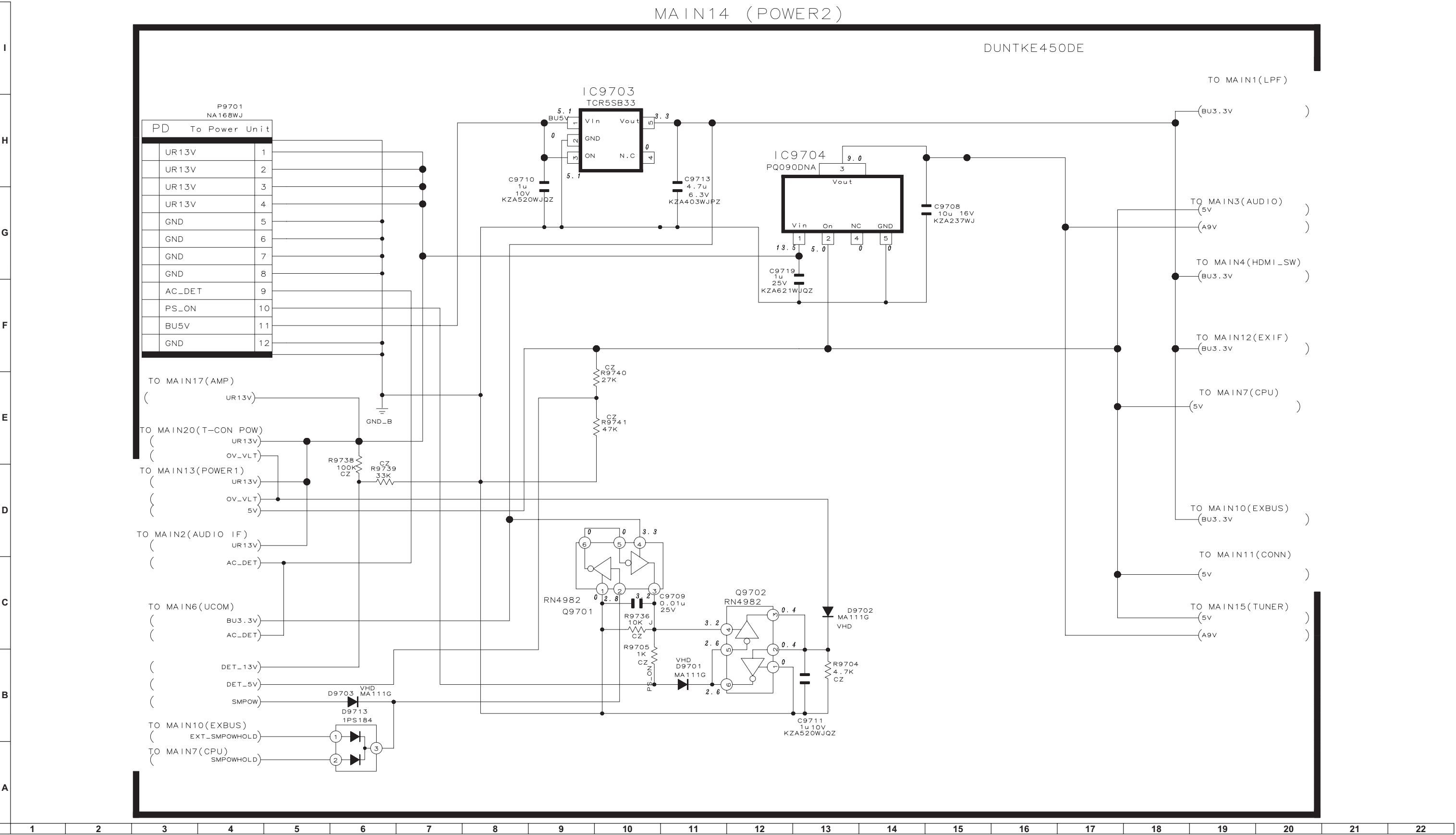




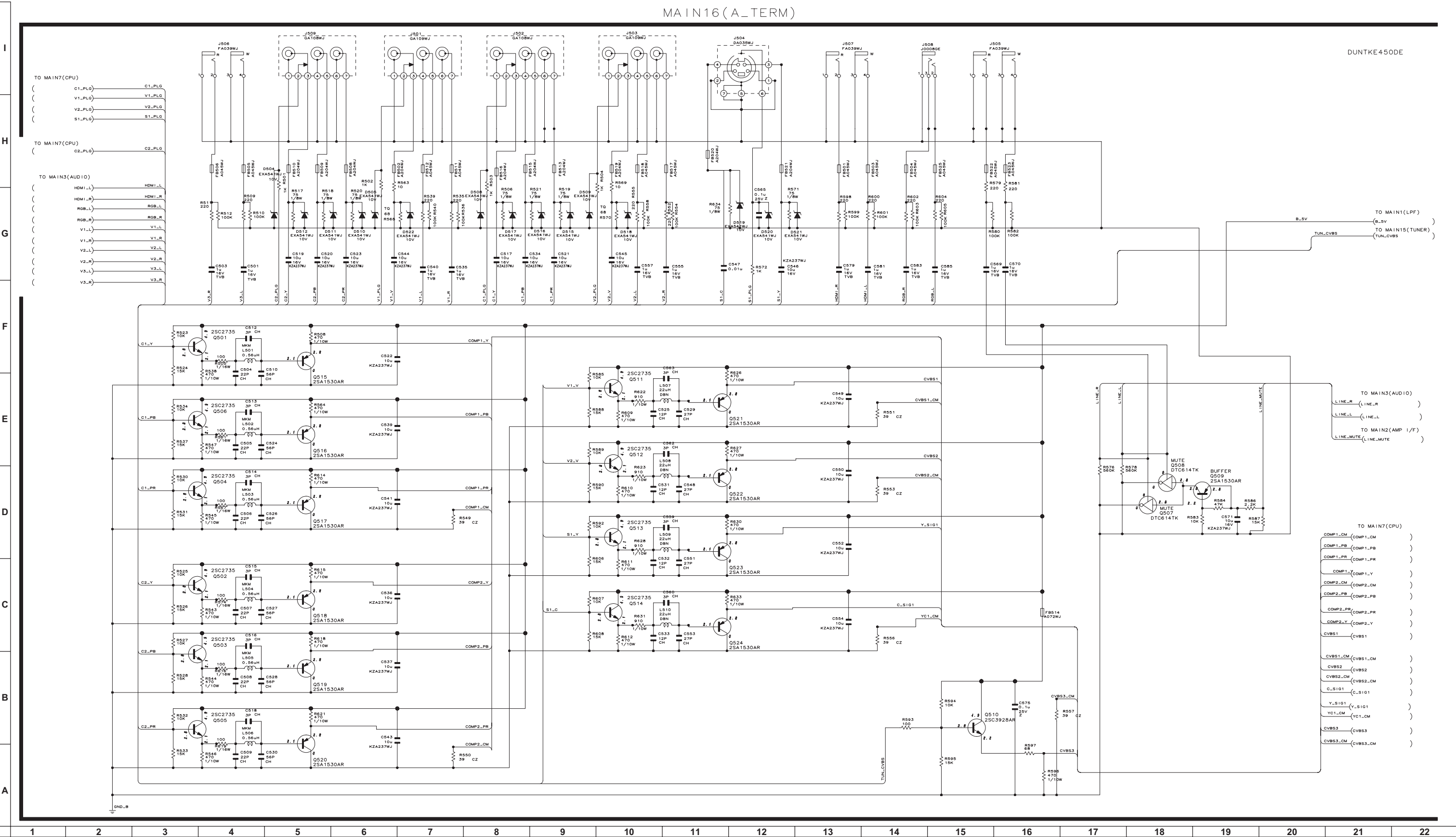






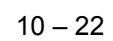


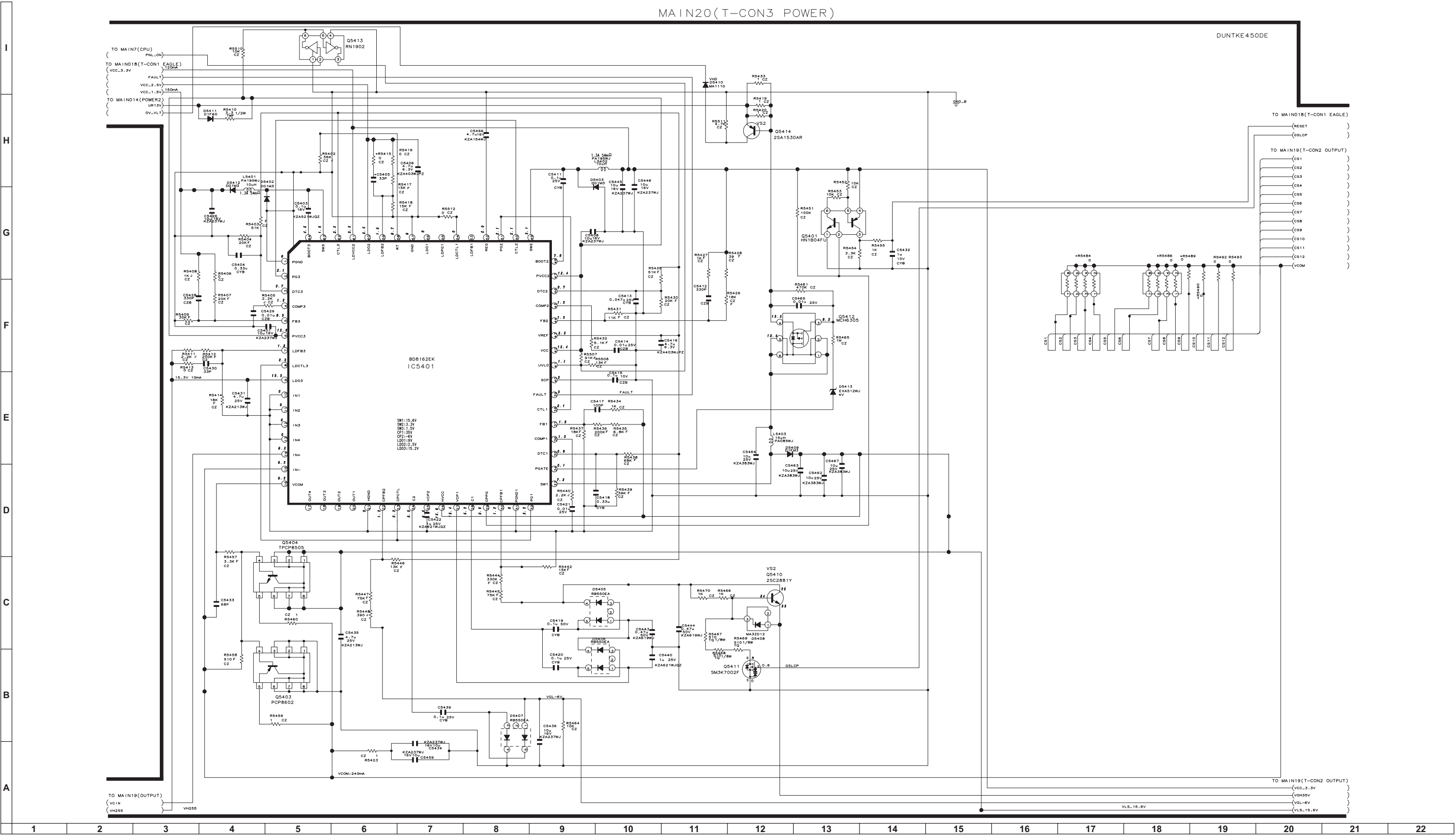












SHARP PARTS GUIDE

No. S18D7LC37D44U

Note:

The reference numbers on the PWB are arranged in alphabetical order.

MODEL LC-37D44U**CONTENTS**

- | | |
|---|--|
| [1] PRINTED WIRING BOARD ASSEMBLIES | [7] CABINET AND MECHANICAL PARTS |
| [2] LCD PANEL (NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.) | [8] SUPPLIED ACCESSORIES |
| [3] DUNTKE264FM02 (R/C, LED Unit) | [9] PACKING PARTS (NOT REPLACEMENT ITEM) |
| [4] DUNTKE266FM02 (KEY Unit) | [10] SERVICE JIG (USE FOR SERVICING) |
| [5] DUNTKE450FM01 (MAIN Unit) | |
| [6] NOTE (Conductive cloth tape/Gasket) | |

Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--|----------------|------------|----------|---------------|---------------------------------|
| [1] PRINTED WIRING BOARD ASSEMBLIES | | | | | |
| N | DUNTKE264FM02 | AP | | X | R/C, LED Unit |
| N | DUNTKE266FM02 | AG | | X | KEY Unit |
| N | DUNTKE450FM01 | CF | N | R | MAIN Unit |
| N | RDENCA272WJQZ | BP | N | X | POWER Unit |
| N | RUNTKA418WJQZ | BL | N | X | INVERTER Unit |
| [2] LCD PANEL (NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.) | | | | | |
| N | R1LK370T3GW20Z | EC | N | J | 37" Wide LCD Panel Module Unit |
| [3] DUNTKE264FM02 (R/C, LED Unit) | | | | | |
| C102 | VCKYTV1CF225ZY | AB | | J | Capacitor, 2.2 16V Ceramic |
| C104 | VCEASX1CN106MY | AC | | J | Capacitor, 10 16V Electrolytic |
| C105 | VCKYCY1HF103ZY | AA | | J | Capacitor, 0.01 50V Ceramic |
| C107 | VCEASY1CN107MY | AC | | J | Capacitor, 100 16V Electrolytic |
| D101 | RH-EXA092WJZZY | AB | | J | Zener Diode, UDZSNPTE-1712B |
| D103 | RH-PX0421CEZZY | AD | | J | Diode, CL-165HR/YG-D-T |
| D114 | RH-PX0421CEZZY | AD | | J | Diode, CL-165HR/YG-D-T |
| D115 | RH-PX0421CEZZY | AD | | J | Diode, CL-165HR/YG-D-T |
| IC101 | VHIGA1S100W-1Y | AE | | J | IC, GA1A1S100WP |
| P101 | QPLGNA335WJZZY | AD | | J | Plug, 15pin (RA) |
| Q102 | VS2SC3928AR-1Y | AB | | J | Transistor, 2SC3928A-T112-1R |
| Q103 | VS2SC3928AR-1Y | AB | | J | Transistor, 2SC3928A-T112-1R |
| Q104 | VS2SC3928AR-1Y | AB | | J | Transistor, 2SC3928A-T112-1R |
| Q106 | VS2SC3928AR-1Y | AB | | J | Transistor, 2SC3928A-T112-1R |
| Q107 | VS2SC3928AR-1Y | AB | | J | Transistor, 2SC3928A-T112-1R |
| R101 | VRS-CY1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R104 | VRS-CY1JF273JY | AA | | J | Resistor, 27k 1/16W Metal Oxide |
| R105 | VRS-CY1JF393JY | AA | | J | Resistor, 39k 1/16W Metal Oxide |
| R108 | VRS-CY1JF161JY | AA | | J | Resistor, 160 1/16W Metal Oxide |
| R109 | VRS-CY1JF821JY | AA | | J | Resistor, 820 1/16W Metal Oxide |
| R117 | VRS-CY1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R121 | VRS-CY1JF821JY | AA | | J | Resistor, 820 1/16W Metal Oxide |
| R122 | VRS-CY1JF161JY | AA | | J | Resistor, 160 1/16W Metal Oxide |
| R123 | VRS-CJ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R124 | VRS-CJ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R135 | VRS-CY1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| RMC101 | HRMUA053WJZZ | AE | | J | Remote Control |
| SLD101 | PSLDPA076WJFW | AD | | J | Shield Case |
| [4] DUNTKE266FM02 (KEY Unit) | | | | | |
| D151 | RH-EX0646GEZZY | AA | | J | Zener Diode, MTZJT-7215B |
| D152 | RH-EX0646GEZZY | AA | | J | Zener Diode, MTZJT-7215B |
| D155 | RH-EX0646GEZZY | AA | | J | Zener Diode, MTZJT-7215B |
| P151 | QPLGNA059WJZZ | AC | | J | Plug, 5pin (KM) |
| R151 | VRD-RA2BE822JY | AA | | J | Resistor, 8.2k 1/8W Carbon |
| R152 | VRD-RA2BE123JY | AA | | J | Resistor, 12k 1/8W Carbon |
| R153 | VRD-RA2BE822JY | AA | | J | Resistor, 8.2k 1/8W Carbon |
| R154 | VRD-RA2BE123JY | AA | | J | Resistor, 12k 1/8W Carbon |
| S151 | QSW-K0003AJZZ+ | AB | | J | Switch, CH-UP |
| S152 | QSW-K0003AJZZ+ | AB | | J | Switch, CH-DOWN |
| S153 | QSW-K0003AJZZ+ | AB | | J | Switch, INPUT |
| S154 | QSW-K0003AJZZ+ | AB | | J | Switch, VOL-UP |
| S155 | QSW-K0003AJZZ+ | AB | | J | Switch, VOL-DOWN |
| S156 | QSW-K0003AJZZ+ | AB | | J | Switch, MENU |
| S157 | QSW-K0003AJZZ+ | AB | | J | Switch, POWER |
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| C501 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C503 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C504 | VCCCCZ1HH220JY | AB | | J | Capacitor, 22p 50V Ceramic |
| C505 | VCCCCZ1HH220JY | AB | | J | Capacitor, 22p 50V Ceramic |
| C506 | VCCCCZ1HH220JY | AB | | J | Capacitor, 22p 50V Ceramic |
| C507 | VCCCCZ1HH220JY | AB | | J | Capacitor, 22p 50V Ceramic |
| C508 | VCCCCZ1HH220JY | AB | | J | Capacitor, 22p 50V Ceramic |
| C509 | VCCCCZ1HH220JY | AB | | J | Capacitor, 22p 50V Ceramic |
| C510 | VCCCCZ1HH560JY | AB | | J | Capacitor, 56p 50V Ceramic |
| C512 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C513 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C514 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C515 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C516 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C517 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C518 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C519 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C520 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C521 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C522 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C523 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C524 | VCCCCZ1HH560JY | AB | | J | Capacitor, 56p 50V Ceramic |
| C525 | VCCCCZ1HH120JY | AB | | J | Capacitor, 12p 50V Ceramic |
| C526 | VCCCCZ1HH560JY | AB | | J | Capacitor, 56p 50V Ceramic |
| C527 | VCCCCZ1HH560JY | AB | | J | Capacitor, 56p 50V Ceramic |
| C528 | VCCCCZ1HH560JY | AB | | J | Capacitor, 56p 50V Ceramic |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| C529 | VCCCCZ1HH270JY | AB | | J | Capacitor, 27p 50V Ceramic |
| C530 | VCCCCZ1HH560JY | AB | | J | Capacitor, 56p 50V Ceramic |
| C531 | VCCCCZ1HH120JY | AB | | J | Capacitor, 12p 50V Ceramic |
| C532 | VCCCCZ1HH120JY | AB | | J | Capacitor, 12p 50V Ceramic |
| C533 | VCCCCZ1HH120JY | AB | | J | Capacitor, 12p 50V Ceramic |
| C534 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C535 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C536 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C537 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C539 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C540 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C541 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C543 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C544 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C545 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C546 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C547 | VCKYCY1HB103KY | AA | | J | Capacitor, 0.01 50V Ceramic |
| C548 | VCCCCZ1HH270JY | AB | | J | Capacitor, 27p 50V Ceramic |
| C549 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C550 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C551 | VCCCCZ1HH270JY | AB | | J | Capacitor, 27p 50V Ceramic |
| C552 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C553 | VCCCCZ1HH270JY | AB | | J | Capacitor, 27p 50V Ceramic |
| C554 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C555 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C557 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C559 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C560 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C562 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C563 | VCCCCZ1HH3R0CY | AA | | J | Capacitor, 3p 50V Ceramic |
| C565 | VCKYCY1EF104ZY | AA | | J | Capacitor, 0.1 25V Ceramic |
| C569 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C570 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C571 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C575 | VCKYCY1EF104ZY | AA | | J | Capacitor, 0.1 25V Ceramic |
| C579 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C581 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C583 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C585 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C1101 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1102 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1104 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1107 | VCKYCY1HB102KY | AA | | J | Capacitor, 1000p 50V Ceramic |
| C1109 | VCKYCY1HB103KY | AA | | J | Capacitor, 0.01 50V Ceramic |
| C1111 | VCKYCY1HB103KY | AA | | J | Capacitor, 0.01 50V Ceramic |
| C1112 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1301 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1303 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1308 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1310 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1311 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1312 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1313 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1314 | RC-KZA383WJZZY | AC | | J | Capacitor, 10 25V Ceramic |
| C1401 | VCCCCZ1HH120JY | AB | | J | Capacitor, 12p 50V Ceramic |
| C1402 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1403 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1404 | VCCCCZ1HH120JY | AB | | J | Capacitor, 12p 50V Ceramic |
| C1406 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1407 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1409 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1414 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1415 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1419 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1421 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1422 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1423 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1424 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1425 | VCKYCY1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C1426 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1427 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1428 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1429 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C1430 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C1440 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1441 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1601 | VCKYCY1HB331KY | AA | | J | Capacitor, 330p 50V Ceramic |
| C1602 | VCKYCY1HB331KY | AA | | J | Capacitor, 330p 50V Ceramic |
| C1607 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1609 | VCKYCY1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C1611 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1612 | VCKYCY1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C1619 | VCKYCY1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1620 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1621 | RC-KZA520WJQZY | AA | | J | Capacitor, 1 10V Ceramic |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|----------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| C1623 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1625 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1626 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1627 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1628 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1629 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1630 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1631 | RC-KZA520WJQZY | AA | | J | Capacitor, 1 10V Ceramic |
| C1632 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1633 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1635 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1636 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1637 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1638 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1639 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1640 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1641 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1642 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1644 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1645 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1646 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1647 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1648 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1652 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C1673 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1674 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C1675 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1676 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1677 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C1678 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C1679 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C2001 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C2002 | VCKYCZ1HB152KY | AB | | J | Capacitor, 1500p 50V Ceramic |
| C2003 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2006 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2007 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C2010 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2012 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2016 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2020 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C2024 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2026 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2213 | VCCCCZ1HH470JY | AB | | J | Capacitor, 47p 50V Ceramic |
| C2214 | VCCCCZ1HH470JY | AB | | J | Capacitor, 47p 50V Ceramic |
| C2215 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C2216 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2217 | VCKYCZ1CB103KY | AB | | J | Capacitor, 0.01 16V Ceramic |
| C2218 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C2219 | VCKYCZ1CB103KY | AB | | J | Capacitor, 0.01 16V Ceramic |
| C2220 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C2221 | VCKYCZ1CB103KY | AB | | J | Capacitor, 0.01 16V Ceramic |
| C2222 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C2223 | VCAAPE0JJ107MY | AE | | J | Capacitor, 100 6.3V Electrolytic |
| C2224 | VCKYCZ1CB103KY | AB | | J | Capacitor, 0.01 16V Ceramic |
| C2225 | VCKYCZ1CB103KY | AB | | J | Capacitor, 0.01 16V Ceramic |
| C2226 | VCKYCZ1CB103KY | AB | | J | Capacitor, 0.01 16V Ceramic |
| C2227 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C2228 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C2229 | VCCCCZ1HH121JY | AB | | J | Capacitor, 120p 50V Ceramic |
| C2235 | VCCCCZ1HH270JY | AB | | J | Capacitor, 27p 50V Ceramic |
| C2236 | VCCCCZ1HH270JY | AB | | J | Capacitor, 27p 50V Ceramic |
| C2237 | VCCCCZ1HH330JY | AB | | J | Capacitor, 33p 50V Ceramic |
| C2238 | VCCCCZ1HH330JY | AB | | J | Capacitor, 33p 50V Ceramic |
| C2239 | VCCCCZ1HH121JY | AB | | J | Capacitor, 120p 50V Ceramic |
| C2240 | VCCCCZ1HH121JY | AB | | J | Capacitor, 120p 50V Ceramic |
| C2241 | VCCCCZ1HH150JY | AB | | J | Capacitor, 15p 50V Ceramic |
| C2246 | VCKYCY1HB472KY | AA | | J | Capacitor, 4700p 50V Ceramic |
| C2247 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C2602 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2606 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C2703 | VCKYCZ1EF104ZY | AA | | J | Capacitor, 0.1 25V Ceramic |
| C2704 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C2705 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C2706 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C2707 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C2710 | VGERMZ1EN477MY | AE | | J | Capacitor, 470 25V Electrolytic |
| C2711 | VCKYCZ1EF104ZY | AA | | J | Capacitor, 0.1 25V Ceramic |
| C2712 | RC-KZA154WJZZY | AB | | J | Capacitor, 4.7 16V Ceramic |
| C2713 | VCKYCZ1EF104ZY | AA | | J | Capacitor, 0.1 25V Ceramic |
| C2716 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C2717 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C2723 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C2724 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C2725 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |
| C2726 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| C2727 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |
| C2728 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |
| C2730 | VCKYTV1EB224KY | AA | | J | Capacitor, 0.22 25V Ceramic |
| C2731 | VCKYTV1EB224KY | AA | | J | Capacitor, 0.22 25V Ceramic |
| C2737 | VCCCCY1HH151JY | AA | | J | Capacitor, 150p 50V Ceramic |
| C2738 | VCCCCY1HH151JY | AA | | J | Capacitor, 150p 50V Ceramic |
| C2740 | VCCCCY1HH151JY | AA | | J | Capacitor, 150p 50V Ceramic |
| C2741 | VCCCCY1HH151JY | AA | | J | Capacitor, 150p 50V Ceramic |
| C2748 | VCCCCY1HH101JY | AA | | J | Capacitor, 100p 50V Ceramic |
| C5101 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C5102 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C5103 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5105 | VCCCCZ1HH151JY | AB | | J | Capacitor, 150p 50V Ceramic |
| C5106 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5107 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C5108 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C5109 | VCKYCZ1HB821KY | AA | | J | Capacitor, 820p 50V Ceramic |
| C5110 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C5111 | VCKYCZ1HB821KY | AA | | J | Capacitor, 820p 50V Ceramic |
| C5112 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5113 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5115 | VCKYCZ1HB821KY | AA | | J | Capacitor, 820p 50V Ceramic |
| C5117 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5118 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C5119 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C5120 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C5122 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5123 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C5124 | VCKYCZ1HB681KY | AB | | J | Capacitor, 680p 50V Ceramic |
| C5125 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5126 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5127 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C5128 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C5129 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C5130 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C5131 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5132 | VCCCCZ1HH151JY | AB | | J | Capacitor, 150p 50V Ceramic |
| C5133 | VCCCCZ1HH151JY | AB | | J | Capacitor, 150p 50V Ceramic |
| C5135 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5136 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C5138 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C5140 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5141 | VCCCCZ1HH151JY | AB | | J | Capacitor, 150p 50V Ceramic |
| C5142 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C5143 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C5144 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C5201 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C5203 | RC-KZA178WJZZY | AC | | J | Capacitor, 4.7 25V Ceramic |
| C5206 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5208 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C5212 | VCKYCZ1EF104ZY | AA | | J | Capacitor, 0.1 25V Ceramic |
| C5214 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C5215 | VCKYCZ1EF104ZY | AA | | J | Capacitor, 0.1 25V Ceramic |
| C5216 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C5223 | VCKYCZ1EF104ZY | AA | | J | Capacitor, 0.1 25V Ceramic |
| C5226 | VCKYCZ1EF104ZY | AA | | J | Capacitor, 0.1 25V Ceramic |
| C5401 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5403 | RC-KZA521WJQZY | AA | | J | Capacitor, 0.1 16V Ceramic |
| C5404 | VCKYCY1EB334KY | AB | | J | Capacitor, 0.33 25V Ceramic |
| C5405 | VCCCCZ1HH330JY | AB | | J | Capacitor, 33p 50V Ceramic |
| C5406 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C5408 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5411 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |
| C5412 | VCKYCZ1HB331KY | AA | | J | Capacitor, 330p 50V Ceramic |
| C5413 | VCKYCY1EB473KY | AA | | J | Capacitor, 0.047 25V Ceramic |
| C5414 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C5415 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C5416 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C5417 | VCCCCZ1HH101JY | AB | | J | Capacitor, 100p 50V Ceramic |
| C5418 | VCKYCY1EB334KY | AB | | J | Capacitor, 0.33 25V Ceramic |
| C5419 | VCKYCY1HB104KY | AA | | J | Capacitor, 0.1 50V Ceramic |
| C5420 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |
| C5421 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C5422 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C5426 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5428 | VCKYCZ1HB331KY | AA | | J | Capacitor, 330p 50V Ceramic |
| C5429 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C5430 | VCCCCZ1HH330JY | AB | | J | Capacitor, 33p 50V Ceramic |
| C5431 | RC-KZA213WJZZY | AC | | J | Capacitor, 4.7 25V Ceramic |
| C5432 | VCKYCY1AB105KY | AB | | J | Capacitor, 1 10V Ceramic |
| C5433 | VCCCCZ1HH680JY | AB | | J | Capacitor, 68p 50V Ceramic |
| C5434 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5435 | RC-KZA213WJZZY | AC | | J | Capacitor, 4.7 25V Ceramic |
| C5436 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5439 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| C5440 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| C5443 | RC-KZA619WJZZY | AB | | R | Capacitor, 0.47 50V Ceramic |
| C5444 | RC-KZA619WJZZY | AB | | R | Capacitor, 0.47 50V Ceramic |
| C5445 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5446 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5459 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C5462 | RC-KZA383WJZZY | AC | | J | Capacitor, 10 25V Ceramic |
| C5463 | RC-KZA383WJZZY | AC | | J | Capacitor, 10 25V Ceramic |
| C5464 | RC-KZA383WJZZY | AC | | J | Capacitor, 10 25V Ceramic |
| C5465 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C5466 | RC-KZA154WJZZY | AB | | J | Capacitor, 4.7 16V Ceramic |
| C5467 | RC-KZA383WJZZY | AC | | J | Capacitor, 10 25V Ceramic |
| C8001 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8002 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8004 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8005 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8006 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8007 | RC-KZA067WJZZY | AB | | J | Capacitor, 4.7 10V Ceramic |
| C8008 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8009 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8010 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8011 | RC-KZA067WJZZY | AB | | J | Capacitor, 4.7 10V Ceramic |
| C8012 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8013 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8014 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8015 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8016 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8017 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8018 | RC-KZA067WJZZY | AB | | J | Capacitor, 4.7 10V Ceramic |
| C8019 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8020 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8021 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8022 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8023 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8024 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8025 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8027 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8028 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8029 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8030 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8031 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8032 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8033 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8034 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C8035 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8036 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8037 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8038 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8039 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8040 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8041 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8042 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C8043 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8044 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8045 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8046 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8047 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8048 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8049 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8050 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C8051 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8052 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8053 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8054 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8055 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8056 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8057 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8058 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C8059 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8060 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8061 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8062 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8063 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8064 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8065 | VCKYCZ1HB102KY | AB | | J | Capacitor, 1000p 50V Ceramic |
| C8066 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8067 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8068 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8069 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8070 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8071 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8072 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8073 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8074 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8075 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| C8076 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8077 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8078 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8079 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8081 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8082 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8083 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8084 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8085 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8086 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C8087 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8088 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8089 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C8090 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8091 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C8092 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8093 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C8095 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8096 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8097 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8098 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8099 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8100 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8101 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8103 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8104 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8105 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8106 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8107 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C8108 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8109 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8110 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8111 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8112 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8113 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8114 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8115 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8116 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8117 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8118 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8119 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8120 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8121 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8122 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8123 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8125 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8126 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8127 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8128 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8129 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8130 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8131 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8132 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8133 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8134 | VCCCCZ1HH330JY | AB | | J | Capacitor, 33p 50V Ceramic |
| C8135 | VCCCCZ1HH9R0DY | AA | | J | Capacitor, 9p 50V Ceramic |
| C8136 | VCCCCZ1HH9R0DY | AA | | J | Capacitor, 9p 50V Ceramic |
| C8137 | RC-KZA067WJZZY | AB | | J | Capacitor, 4.7 10V Ceramic |
| C8138 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8139 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8140 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C8141 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8142 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C8143 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8144 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8145 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8146 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C8147 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8148 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8149 | VCCCCZ1HH101JY | AB | | J | Capacitor, 100p 50V Ceramic |
| C8150 | VCKYTV1CB105KY | AC | | J | Capacitor, 1 16V Ceramic |
| C8151 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8152 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8153 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8154 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8155 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8156 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8157 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8158 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8159 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8160 | VCKYCZ1AB473KY | AB | | J | Capacitor, 0.047 10V Ceramic |
| C8161 | VCKYCZ1AB473KY | AB | | J | Capacitor, 0.047 10V Ceramic |
| C8162 | VCKYCZ1HB272KY | AA | | J | Capacitor, 2700p 50V Ceramic |
| C8163 | VCKYCZ1HB272KY | AA | | J | Capacitor, 2700p 50V Ceramic |
| C8164 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| C8165 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8166 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8167 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8168 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8169 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8170 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8186 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8192 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8193 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C8194 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8196 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8197 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8205 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8206 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8207 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8208 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8209 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C8216 | VCKYCZ1HB272KY | AA | | J | Capacitor, 2700p 50V Ceramic |
| C8217 | VCKYCZ1HB272KY | AA | | J | Capacitor, 2700p 50V Ceramic |
| C8218 | VCKYCZ1HB272KY | AA | | J | Capacitor, 2700p 50V Ceramic |
| C8219 | VCKYCZ1HB272KY | AA | | J | Capacitor, 2700p 50V Ceramic |
| C8220 | VCKYCZ1HB272KY | AA | | J | Capacitor, 2700p 50V Ceramic |
| C8221 | VCKYCZ1HB272KY | AA | | J | Capacitor, 2700p 50V Ceramic |
| C8222 | VCKYCZ1HB272KY | AA | | J | Capacitor, 2700p 50V Ceramic |
| C8223 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8224 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8225 | VCKYCZ1HB471KY | AB | | J | Capacitor, 470p 50V Ceramic |
| C8451 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8456 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8458 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8460 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8901 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8902 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C8903 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8904 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C8905 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8906 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C8907 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8908 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C8909 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C8910 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C9001 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C9301 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C9601 | VCKYCZ1EB472KY | AB | | J | Capacitor, 4700p 25V Ceramic |
| C9602 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C9604 | VCKYCZ1EB472KY | AB | | J | Capacitor, 4700p 25V Ceramic |
| C9605 | VCCCCZ1HH101JY | AB | | J | Capacitor, 100p 50V Ceramic |
| C9606 | VCKYCZ1HB681KY | AB | | J | Capacitor, 680p 50V Ceramic |
| C9607 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C9608 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C9609 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |
| C9610 | VCCCCZ1HH101JY | AB | | J | Capacitor, 100p 50V Ceramic |
| C9611 | RC-KZA154WJZZY | AB | | J | Capacitor, 4.7 16V Ceramic |
| C9612 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |
| C9613 | RC-KZA178WJZZY | AC | | J | Capacitor, 4.7 25V Ceramic |
| C9614 | RC-KZA178WJZZY | AC | | J | Capacitor, 4.7 25V Ceramic |
| C9615 | VCKYCZ1EB472KY | AB | | J | Capacitor, 4700p 25V Ceramic |
| C9616 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9617 | RC-KZA178WJZZY | AC | | J | Capacitor, 4.7 25V Ceramic |
| C9618 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9619 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9620 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9621 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9622 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9623 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9624 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |
| C9625 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9629 | RC-KZA178WJZZY | AC | | J | Capacitor, 4.7 25V Ceramic |
| C9631 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9641 | VCKYCZ1AB104KY | AB | | J | Capacitor, 0.1 10V Ceramic |
| C9642 | VCKYCY1EB104KY | AB | | J | Capacitor, 0.1 25V Ceramic |
| C9643 | RC-KZA178WJZZY | AC | | J | Capacitor, 4.7 25V Ceramic |
| C9644 | VCKYCZ1EB472KY | AB | | J | Capacitor, 4700p 25V Ceramic |
| C9645 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9646 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9708 | RC-KZA237WJZZY | AB | | J | Capacitor, 10 16V Ceramic |
| C9709 | VCKYCZ1EB103KY | AA | | J | Capacitor, 0.01 25V Ceramic |
| C9710 | RC-KZA520WJQZY | AA | | J | Capacitor, 1 10V Ceramic |
| C9711 | RC-KZA520WJQZY | AA | | J | Capacitor, 1 10V Ceramic |
| C9713 | RC-KZA403WJPZY | AB | N | R | Capacitor, 4.7 6.3V Ceramic |
| C9719 | RC-KZA621WJQZY | AA | N | R | Capacitor, 1 25V Ceramic |
| D504 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D505 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D508 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D509 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|-----------------|------------|----------|---------------|--------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| D510 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D511 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D512 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D515 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D516 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D517 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D518 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D519 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D520 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D521 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D522 | RH-EXA541WJZZY | AB | | R | Zener Diode, MAZ8100GML |
| D1302 | VHD1SS361//--1Y | AB | | R | Diode, 1SS361(T5L,F,T) |
| D1304 | VHD1SS361//--1Y | AB | | R | Diode, 1SS361(T5L,F,T) |
| D1305 | VHD1SS361//--1Y | AB | | R | Diode, 1SS361(T5L,F,T) |
| D1306 | VHPGPFV51T-1 | AF | | J | Photo Diode |
| D1307 | VHD1SS361//--1Y | AB | | R | Diode, 1SS361(T5L,F,T) |
| D1310 | VHD1SS361//--1Y | AB | | R | Diode, 1SS361(T5L,F,T) |
| D1311 | RH-EXA523WJZZY | AB | | J | Zener Diode, MAZ8056GML |
| D1312 | VHD1SS361//--1Y | AB | | R | Diode, 1SS361(T5L,F,T) |
| D1601 | VHDBR520S30-1Y | AC | | J | Diode, RB520S-30TE61 |
| D1605 | VHDM152WK/-1Y | AB | | J | Diode, MA152WK-(TX) |
| D1607 | VHDM152WK/-1Y | AB | | J | Diode, MA152WK-(TX) |
| D1611 | VHD1SS226//--1Y | AC | | J | Diode, 1SS226(T5L,F,T) |
| D1613 | VHD1SS226//--1Y | AC | | J | Diode, 1SS226(T5L,F,T) |
| D1614 | VHD1SS226//--1Y | AC | | J | Diode, 1SS226(T5L,F,T) |
| D1619 | VHD1SS226//--1Y | AC | | J | Diode, 1SS226(T5L,F,T) |
| D2003 | RH-PXA018WJZZY | AC | | J | Diode, GM1HD55200A |
| D2201 | VHD1PS184++-1Y | AB | | J | Diode, 1PS184,115 |
| D2202 | RH-EXA523WJZZY | AB | | J | Zener Diode, MAZ8056GML |
| D2203 | RH-EXA523WJZZY | AB | | J | Zener Diode, MAZ8056GML |
| D2205 | VHDM120H-1Y | AC | | J | Diode, MAZ91200H0L |
| D2206 | VHDM120H-1Y | AC | | J | Diode, MAZ91200H0L |
| D2207 | VHDM120H-1Y | AC | | J | Diode, MAZ91200H0L |
| D2208 | VHDKDR720E/-1Y | AB | | R | Diode, KDR720E-RTK/P |
| D2210 | VHD1SS226//--1Y | AC | | J | Diode, 1SS226(T5L,F,T) |
| D2211 | VHD1SS226//--1Y | AC | | J | Diode, 1SS226(T5L,F,T) |
| D5101 | VHDBR521S30-1Y | AC | | J | Diode, RB521S-30FJTE61 |
| D5402 | VHDDG1M3+++1Y | AC | | J | Diode, DG1M3-5063R |
| D5403 | VHDDG1M3+++1Y | AC | | J | Diode, DG1M3-5063R |
| D5405 | VHDBR550EA+-1Y | AC | | R | Diode, RB550EATR |
| D5406 | VHDBR550EA+-1Y | AC | | R | Diode, RB550EATR |
| D5407 | VHDBR550EA+-1Y | AC | | R | Diode, RB550EATR |
| D5408 | VHDM120H-1Y | AC | | R | Diode, MA32D1200L |
| D5409 | VHDD1FM3+++1Y | AD | | J | Diode, D1FM3 |
| D5410 | VHDM111G++-1Y | AA | | J | Diode, MA2J1110GL |
| D5411 | VHDD1F60//--1Y | AC | | R | Diode |
| D5412 | VHDDG1M3+++1Y | AC | | J | Diode, DG1M3-5063R |
| D5413 | RH-EXA512WJZZY | AB | | J | Zener Diode, MAZ8039GHL |
| D8002 | RH-PXA018WJZZY | AC | | J | Diode, GM1HD55200A |
| D9001 | RH-EX1234CEZZY | AE | | J | Zener Diode, HZU3.6B2TRF |
| D9002 | RH-EX1234CEZZY | AE | | J | Zener Diode, HZU3.6B2TRF |
| D9003 | RH-EX1234CEZZY | AE | | J | Zener Diode, HZU3.6B2TRF |
| D9301 | VHD1PS184+++1Y | AB | | J | Diode, 1PS184,115 |
| D9601 | VHDD1FS4A++-1Y | AC | | J | Diode, D1FS4A-5063 |
| D9602 | RH-EXA523WJZZY | AB | | J | Zener Diode, MAZ8056GML |
| D9603 | VHD1PS184+++1Y | AB | | J | Diode, 1PS184,115 |
| D9605 | VHD1PS226++-1Y | AB | | J | Diode, 1PS226,115 |
| D9606 | VHDD1FS4A++-1Y | AC | | J | Diode, D1FS4A-5063 |
| D9607 | RH-EXA512WJZZY | AB | | J | Zener Diode, MAZ8039GHL |
| D9609 | VHDM111G++-1Y | AA | | J | Diode, MA2J1110GL |
| D9641 | VHDD1FS4A++-1Y | AC | | J | Diode, D1FS4A-5063 |
| D9642 | RH-EXA512WJZZY | AB | | J | Zener Diode, MAZ8039GHL |
| D9643 | VHDM111G++-1Y | AA | | J | Diode, MA2J1110GL |
| D9701 | VHDM111G++-1Y | AA | | J | Diode, MA2J1110GL |
| D9702 | VHDM111G++-1Y | AA | | J | Diode, MA2J1110GL |
| D9703 | VHDM111G++-1Y | AA | | J | Diode, MA2J1110GL |
| D9713 | VHD1PS184+++1Y | AB | | J | Diode, 1PS184,115 |
| FB501 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB502 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB503 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB504 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB505 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB506 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB508 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB509 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB510 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB511 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB512 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB513 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB514 | RBLN-A072WJZZY | AA | | R | Ferrite Core |
| FB515 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB516 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB517 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB518 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB519 | RBLN-A204WJZZY | AA | | J | Ferrite Core |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|--------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| FB520 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB521 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB522 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB523 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB525 | RBLN-A045WJZZY | AB | | J | Ferrite Core |
| FB1101 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB1102 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB1603 | RBLN-A192WJZZY | AA | | J | Ferrite Core |
| FB1605 | RBLN-A192WJZZY | AA | | J | Ferrite Core |
| FB1606 | RBLN-A192WJZZY | AA | | J | Ferrite Core |
| FB1607 | RBLN-A192WJZZY | AA | | J | Ferrite Core |
| FB2001 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB2003 | RBLN-A005WJZZY | AA | | J | Ferrite Core |
| FB2004 | RBLN-A005WJZZY | AA | | J | Ferrite Core |
| FB2005 | RBLN-A005WJZZY | AA | | J | Ferrite Core |
| FB2203 | RBLN-0093GEZZY | AB | | J | Ferrite Core |
| FB2204 | RBLN-0093GEZZY | AB | | J | Ferrite Core |
| FB2205 | RBLN-0093GEZZY | AB | | J | Ferrite Core |
| FB2206 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB2207 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB2208 | RBLN-A074WJZZY | AA | | J | Ferrite Core |
| FB2603 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB2702 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB2703 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB2704 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB2705 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB5101 | RBLN-A204WJZZY | AA | | J | Ferrite Core |
| FB5102 | RBLN-A192WJZZY | AA | | J | Ferrite Core |
| FB5103 | RBLN-A192WJZZY | AA | | J | Ferrite Core |
| FB5104 | RBLN-A192WJZZY | AA | | J | Ferrite Core |
| FB5105 | RBLN-A192WJZZY | AA | | J | Ferrite Core |
| FB8001 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB8002 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB8003 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB8004 | RBLN-A206WJZZY | AA | | J | Ferrite Core |
| FB8007 | RBLN-0062TAZZY | AB | | J | Ferrite Core |
| FB8008 | RBLN-0062TAZZY | AB | | J | Ferrite Core |
| FB8009 | RBLN-0062TAZZY | AB | | J | Ferrite Core |
| FB8010 | RBLN-0062TAZZY | AB | | J | Ferrite Core |
| FB8011 | RBLN-0062TAZZY | AB | | J | Ferrite Core |
| FL5101 | RFILZA007WJZZY | AD | | J | Filter |
| IC1301 | VHiM62320FP-1Y | AH | | J | IC, M62320FPDF5J |
| IC1302 | VHiT7SET08U1EY | AC | | J | IC, TC7SET08FU(T5L,JF) |
| IC1304 | VHiT7SET08U1EY | AC | | J | IC, TC7SET08FU(T5L,JF) |
| IC1401 | VHiTC7WU04F-1Y | AD | | J | IC, TC7WU04F(TE12L,F) |
| IC1403 | VHiAK4682AE-1Y | AP | N | R | IC, AK4682AEQ |
| IC1601 | RH-iXC356WJQZS | AL | N | R | IC, BQC (HDMI EDID) |
| IC1603 | RH-iXC357WJQZS | AL | N | R | IC, BQC (HDMI EDID) |
| IC1604 | VHiSi9185+-1Q | AP | | J | IC, SII9185CTU |
| IC1607 | VHiAHC1G08W-1Y | AD | | J | IC, 74AHC1G08GW/G,125 |
| IC1608 | VHiAHC1G08W-1Y | AD | | J | IC, 74AHC1G08GW/G,125 |
| IC1609 | VHiPQ1LA185-1Y | AD | | J | IC, PQ1LA185MSPQ |
| IC2001 | VHiS80927NM-1Y | AC | | J | IC, S-80927CNMC-G8XT2G |
| IC2002 | RH-iXC331WJN2Q | AT | N | R | IC, BQC (MONITOR MICON) |
| IC2004 | VHiS24CS08J-1Y | AE | | J | IC, S-24CS08AFJ-TB-1G |
| IC2007 | VHiAHC1G08W-1Y | AD | | J | IC, 74AHC1G08GW/G,125 |
| IC2008 | VHi7WH126FU-1Y | AE | | J | IC, TC7WH126FU(TE12L,F) |
| IC2201 | VHiLVC2G14G-1Y | AD | | J | IC, 74LVC2G14GW,125 |
| IC2202 | RH-iXC358WJQZS | AH | N | R | IC, BQC (RGB EDID) |
| IC2601 | VHiHC2G66DP-1Y | AD | | J | IC, 74HC2G66DP,125 |
| IC2701 | VHiYDA147SZ-1Y | AM | | J | IC, YDA147-SZE2 |
| IC5101 | RH-iXA992WJZZY | AM | | J | IC, M24256-BWMN6TP |
| IC5102 | VHiTC7WU04K-1Y | AC | | J | IC, TC7WU04FK(TE85L,F) |
| IC5103 | VHiT3Z18AFG-1Q | BA | | J | IC, T3Z18AFG-0003(O2) |
| IC5201 | VHiBU55041+-1Y | AF | | R | IC, BU55041HFN-TR-TR |
| IC5202 | VHiBD8143MU-1Y | AM | | R | IC, BD8143MUV-E2 |
| IC5401 | VHiBD8162EK-1Q | AQ | | R | IC, BD8162EKV |
| IC8001 | RH-iXC308WJQZQ | BM | N | R | IC |
| IC8002 | VHiR1173S25-1Y | AE | | J | IC, R1173S251B-E2-F |
| IC8003 | VHiR5523N1B-1Y | AE | | J | IC, R5523N001B-TR-F |
| IC8151 | RH-iXC094WJQZQ | AS | | R | IC, HY5DU561622ETP-D43-C |
| IC8152 | RH-iXC094WJQZQ | AS | | R | IC, HY5DU561622ETP-D43-C |
| IC8155 | RH-iXA361WJZZY | AM | | J | IC, LP2995MX/NOPB |
| IC8451 | RH-iXC373WJQZY | AM | N | R | IC, IS24CO8A-2GLI-372 |
| IC8452 | RH-iXC359WJQZQ | AV | N | R | IC, BQC (PROGRAM) |
| IC8454 | VHiBR24L64F-1Y | AK | | J | IC, BR24L64F-WE2 |
| IC9001 | VHiHC2G66DP-1Y | AD | | J | IC, 74HC2G66DP,125 |
| IC9301 | VHiAHC1G08W-1Y | AD | | J | IC, 74AHC1G08GW/G,125 |
| IC9601 | RH-iXC169WJQZY | AK | | J | IC, SN0702077PWR |
| IC9602 | VHiMP1415C+-1Y | AK | | J | IC, MP1415DSE-C100-LF-Z |
| IC9605 | VHiMP1415C+-1Y | AK | | J | IC, MP1415DSE-C100-LF-Z |
| IC9641 | VHiMP1415C+-1Y | AK | | J | IC, MP1415DSE-C100-LF-Z |
| IC9703 | VHiTCR5SB33-1Y | AC | N | R | IC, TCR5SB33(TE85L,F) |
| IC9704 | VHiPQ090DNA-1Y | AE | | J | IC, PQ090DNA1ZPH |
| J501 | QJAKGA109WJZZ | AE | | R | Jack |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|-----------------|------------|----------|---------------|---------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| J502 | QJAKGA108WJZZ | AE | | R | Jack |
| J503 | QJAKGA109WJZZ | AE | | R | Jack |
| J504 | QSOCDA035WJZZ | AD | | J | Socket |
| J505 | QJAKFA039WJZZ | AD | | J | Jack |
| J506 | QJAKFA039WJZZ | AD | | J | Jack |
| J507 | QJAKFA039WJZZ | AD | | J | Jack |
| J508 | QJAKJ0008GEZZ | AD | | J | Jack |
| J509 | QJAKGA108WJZZ | AE | | R | Jack |
| J8001 | QSOCZA153WJQZ | AG | | J | Socket |
| L501 | VPMKMR56JR70VY | AB | | J | Coil, Peaking 0.56μH |
| L502 | VPMKMR56JR70VY | AB | | J | Coil, Peaking 0.56μH |
| L503 | VPMKMR56JR70VY | AB | | J | Coil, Peaking 0.56μH |
| L504 | VPMKMR56JR70VY | AB | | J | Coil, Peaking 0.56μH |
| L505 | VPMKMR56JR70VY | AB | | J | Coil, Peaking 0.56μH |
| L506 | VPMKMR56JR70VY | AB | | J | Coil, Peaking 0.56μH |
| L507 | VPDBN220J4R1NY | AB | N | R | Coil, Peaking 22μH |
| L508 | VPDBN220J4R1NY | AB | N | R | Coil, Peaking 22μH |
| L509 | VPDBN220J4R1NY | AB | N | R | Coil, Peaking 22μH |
| L510 | VPDBN220J4R1NY | AB | N | R | Coil, Peaking 22μH |
| L1101 | RCiLPA207WJZZY | AD | N | R | Coil |
| L1301 | VPCEM100MR70NY | AC | | J | Coil, Peaking 10μH |
| L2202 | VPCBM100KR50NY | AC | | J | Coil, Peaking 10μH |
| L2204 | RCiLQA006WJQZY | AA | | J | Coil |
| L2205 | VPMKMR22JR37VY | AB | | J | Coil, Peaking 0.22μH |
| L2206 | VPMKMR22JR37VY | AB | | J | Coil, Peaking 0.22μH |
| L2207 | VPMKMR47JR64VY | AB | | J | Coil, Peaking 0.47μH |
| L2701 | RCiLPA343WJPZY | AD | | J | Coil |
| L2702 | RCiLPA343WJPZY | AD | | J | Coil |
| L2703 | RCiLPA343WJPZY | AD | | J | Coil |
| L2704 | RCiLPA343WJPZY | AD | | J | Coil |
| L5101 | RCiLFA122WJZZY | AD | | J | Coil |
| L5102 | RCiLFA122WJZZY | AD | | J | Coil |
| L5103 | RCiLFA275WJZZY | AC | | R | Coil |
| L5104 | RCiLFA122WJZZY | AD | | J | Coil |
| L5105 | RCiLFA122WJZZY | AD | | J | Coil |
| L5106 | RCiLFA122WJZZY | AD | | J | Coil |
| L5107 | RCiLFA122WJZZY | AD | | J | Coil |
| L5108 | RCiLFA122WJZZY | AD | | J | Coil |
| L5109 | RCiLFA122WJZZY | AD | | J | Coil |
| L5110 | RCiLFA275WJZZY | AC | | R | Coil |
| L5111 | RCiLFA122WJZZY | AD | | J | Coil |
| L5112 | RCiLFA122WJZZY | AD | | J | Coil |
| L5113 | RCiLFA122WJZZY | AD | | J | Coil |
| L5114 | RCiLFA122WJZZY | AD | | J | Coil |
| L5115 | RCiLFA279WJZZY | AC | | R | Coil |
| L5116 | RCiLFA279WJZZY | AC | | R | Coil |
| L5117 | RCiLFA279WJZZY | AC | | R | Coil |
| L5118 | RCiLFA279WJZZY | AC | | R | Coil |
| L5119 | RCiLFA279WJZZY | AC | | R | Coil |
| L5120 | RCiLFA279WJZZY | AC | | R | Coil |
| L5401 | RCiLPA195WJZZY | AD | | J | Coil |
| L5402 | RCiLPA195WJZZY | AD | | J | Coil |
| L5403 | RCiLPA085WJZZY | AD | | J | Coil |
| L8001 | VPMKM2R7JR77VY | AB | | J | Coil, Peaking 2.7μH |
| L9601 | RCiLPA086WJZZY | AE | | J | Coil |
| L9602 | RCiLPA083WJZZY | AD | | J | Coil |
| L9603 | RCiLPA898WJZZY | AC | | R | Coil |
| L9641 | RCiLPA898WJZZY | AC | | R | Coil |
| LUG2201 | QLUGHA006WJZZY | AC | | J | Lug |
| LUG2202 | QLUGHA009WJZZY | AC | | J | Lug |
| LUG2205 | QLUGHA009WJZZY | AC | | J | Lug |
| LUG2206 | QLUGHA006WJZZY | AC | | J | Lug |
| LUG2207 | QLUGHA009WJZZY | AC | | J | Lug |
| LUG2208 | QLUGHA009WJZZY | AC | | J | Lug |
| LUG2209 | QLUGHA006WJZZY | AC | | J | Lug |
| LUG2210 | QLUGHA006WJZZY | AC | | J | Lug |
| LUG2211 | QLUGHA006WJZZY | AC | | J | Lug |
| LUG2212 | QLUGHA006WJZZY | AC | | J | Lug |
| LUG2213 | QLUGHA009WJZZY | AC | | J | Lug |
| P2001 | QPLGN0060CEZZY | AE | | J | Plug, 10pin |
| P2002 | QPLGNA324WJZZY | AC | | J | Plug, 4pin (KM) |
| P2201 | QPLGNA330WJZZY | AD | | J | Plug, 10pin (RA) |
| P2603 | QPLGNA327WJZZY | AC | | J | Plug, 7pin (LB) |
| P2701 | QPLGNA160WJZZY | AD | | J | Plug, 4pin (SP) |
| P9002 | QPLGNA173WJZZY | AD | | J | Plug, 4pin |
| P9202 | QPLGNA144WJZZY | AF | | J | Plug, 20pin |
| P9301 | QCNCWA562WJQZY | AF | | J | Connector, 60pin |
| P9701 | QPLGNA168WJZZY | AF | | J | Plug, 12pin (PD) |
| Q501 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q502 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q503 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q504 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q505 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q506 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q507 | VSDTC614TK+-1Y | AB | | J | Transistor, DTC614TKT146 |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|-----------------|------------|----------|---------------|---------------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| Q508 | VSDTC614TK+-1Y | AB | | J | Transistor, DTC614TKT146 |
| Q509 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q510 | VS2SC3928AR-1Y | AB | | J | Transistor, 2SC3928A-T112-1R |
| Q511 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q512 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q513 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q514 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q515 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q516 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q517 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q518 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q519 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q520 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q521 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q522 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q523 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q524 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q1101 | VS2SC3928AR-1Y | AB | | J | Transistor, 2SC3928A-T112-1R |
| Q1102 | VS2SC3928AR-1Y | AB | | J | Transistor, 2SC3928A-T112-1R |
| Q1301 | VSKRC404E++-1Y | AB | | J | Transistor |
| Q1304 | VSKRC404E++-1Y | AB | | J | Transistor |
| Q1305 | VSKRC404E++-1Y | AB | | J | Transistor |
| Q1306 | VSiMH23T110-1Y | AC | | J | Transistor, IMH23T110 |
| Q1307 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q1308 | VSiMH23T110-1Y | AC | | J | Transistor, IMH23T110 |
| Q1309 | VSKTC3875SG-1Y | AB | | J | Transistor |
| Q1312 | VSKRC404E++-1Y | AB | | J | Transistor |
| Q1616 | VSiMD2A////-1Y | AC | | J | Transistor, IMD2AT108 |
| Q1618 | VSiMD2A////-1Y | AC | | J | Transistor, IMD2AT108 |
| Q1619 | VSRT1N141U/-1Y | AB | | J | Transistor, RT1N141U-T111-1 |
| Q1620 | VSKTA1535T+-1Y | AC | | J | Transistor, KTA1535T-RTK/P |
| Q2001 | VSKRC404E++-1Y | AB | | J | Transistor |
| Q2006 | VSRT1N141U/-1Y | AB | | J | Transistor, RT1N141U-T111-1 |
| Q2007 | VSRT1N141U/-1Y | AB | | J | Transistor, RT1N141U-T111-1 |
| Q2210 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q2211 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q2212 | VS2SC2735//--1Y | AB | | J | Transistor, 2SC2735JC21TL |
| Q2704 | VSKRC404E++-1Y | AB | | J | Transistor |
| Q5401 | VSHN1B04FU/-1Y | AC | | J | Transistor, HN1B04FU(TE85L,F |
| Q5403 | VSTPCP8602+-1Y | AD | | R | Transistor, VSTPCP8602+-1Y |
| Q5404 | VSTPCP8505+-1Y | AD | | R | Transistor, VSTPCP8505+-1Y |
| Q5410 | VS2SC2881Y+-1Y | AD | N | R | Transistor, 2SC2881-1Y(TE12L,CF |
| Q5411 | VSSM3K7002F-1Y | AC | | J | Transistor, SSM3K7002F(5LTST,F |
| Q5412 | VSMCH6305++-1Y | AE | | J | Transistor, MCH6305-TL-E |
| Q5413 | VSRN1902////-1Y | AC | | J | Transistor, RN1902(TE85L,F)/(T5L,F,T) |
| Q5414 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q9301 | VS2SA1530AR-1Y | AB | | J | Transistor, 2SA1530A-T112-1R |
| Q9602 | VSFW808ME++-1Y | AE | | R | Transistor, FW808-M-TL-E |
| Q9701 | VSRN4982////-1Y | AB | | J | Transistor, RN4982(TE85L,F) |
| Q9702 | VSRN4982////-1Y | AB | | J | Transistor, RN4982(TE85L,F) |
| R501 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R502 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R503 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R504 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R505 | VRS-CZ1JF101FY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R506 | VRS-TQ2BD750JY | AA | | J | Resistor, 75 1/8W Metal Oxide |
| R508 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R509 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R510 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R511 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R512 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R517 | VRS-TQ2BD750JY | AA | | J | Resistor, 75 1/8W Metal Oxide |
| R518 | VRS-TQ2BD750JY | AA | | J | Resistor, 75 1/8W Metal Oxide |
| R519 | VRS-TQ2BD750JY | AA | | J | Resistor, 75 1/8W Metal Oxide |
| R520 | VRS-TQ2BD750JY | AA | | J | Resistor, 75 1/8W Metal Oxide |
| R521 | VRS-TQ2BD750JY | AA | | J | Resistor, 75 1/8W Metal Oxide |
| R523 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R524 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R525 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R526 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R527 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R528 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R530 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R531 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R532 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R533 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R534 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R535 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R536 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R537 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R538 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R539 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R540 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R543 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R544 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|----------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| R545 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R546 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R547 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R549 | VRS-CZ1JF390JY | AA | | J | Resistor, 39 1/16W Metal Oxide |
| R550 | VRS-CZ1JF390JY | AA | | J | Resistor, 39 1/16W Metal Oxide |
| R551 | VRS-CZ1JF390JY | AA | | J | Resistor, 39 1/16W Metal Oxide |
| R552 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R553 | VRS-CZ1JF390JY | AA | | J | Resistor, 39 1/16W Metal Oxide |
| R554 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R555 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R556 | VRS-CZ1JF390JY | AA | | J | Resistor, 39 1/16W Metal Oxide |
| R557 | VRS-CZ1JF390JY | AA | | J | Resistor, 39 1/16W Metal Oxide |
| R558 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R561 | VRS-CZ1JF101FY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R563 | VRS-TQ2BD100JY | AA | | J | Resistor, 10 1/8W Metal Oxide |
| R564 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R567 | VRS-CZ1JF101FY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R568 | VRS-TQ2BD680JY | AA | | J | Resistor, 68 1/8W Metal Oxide |
| R569 | VRS-TQ2BD100JY | AA | | J | Resistor, 10 1/8W Metal Oxide |
| R570 | VRS-TQ2BD680JY | AA | | J | Resistor, 68 1/8W Metal Oxide |
| R571 | VRS-TQ2BD750JY | AA | | J | Resistor, 75 1/8W Metal Oxide |
| R572 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R574 | VRS-CZ1JF101FY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R576 | VRS-CZ1JF564JY | AB | | J | Resistor, 560k 1/16W Metal Oxide |
| R578 | VRS-CZ1JF564JY | AB | | J | Resistor, 560k 1/16W Metal Oxide |
| R579 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R580 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R581 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R582 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R583 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R584 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R585 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R586 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R587 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R588 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R589 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R590 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R592 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R593 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R594 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R595 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R596 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R597 | VRS-CZ1JF680FY | AA | | J | Resistor, 68 1/16W Metal Oxide |
| R598 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R599 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R600 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R601 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R602 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R603 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R604 | VRS-CZ1JF221JY | AA | | J | Resistor, 220 1/16W Metal Oxide |
| R605 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R606 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R607 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R608 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R609 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R610 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R611 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R612 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R614 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R615 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R616 | VRS-CZ1JF101FY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R618 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R619 | VRS-CZ1JF101FY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R621 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R622 | VRS-TV1JD911FY | AA | | J | Resistor, 910 1/10W Metal Oxide |
| R623 | VRS-TV1JD911FY | AA | | J | Resistor, 910 1/10W Metal Oxide |
| R626 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R627 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R628 | VRS-TV1JD911FY | AA | | J | Resistor, 910 1/10W Metal Oxide |
| R630 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R631 | VRS-TV1JD911FY | AA | | J | Resistor, 910 1/10W Metal Oxide |
| R633 | VRS-TV1JD471JY | AA | | J | Resistor, 470 1/10W Metal Oxide |
| R634 | VRS-TQ2BD750JY | AA | | J | Resistor, 75 1/8W Metal Oxide |
| R1101 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R1102 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R1103 | VRS-CZ1JF683JY | AA | | J | Resistor, 68k 1/16W Metal Oxide |
| R1107 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R1109 | VRS-CZ1JF331JY | AA | | J | Resistor, 330 1/16W Metal Oxide |
| R1113 | VRS-CZ1JF123JY | AA | | J | Resistor, 12k 1/16W Metal Oxide |
| R1114 | VRS-CZ1JF392JY | AA | | J | Resistor, 3.9k 1/16W Metal Oxide |
| R1115 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R1118 | VRS-CZ1JF272JY | AA | | J | Resistor, 2.7k 1/16W Metal Oxide |
| R1119 | VRS-CZ1JF182JY | AA | | J | Resistor, 1.8k 1/16W Metal Oxide |
| R1120 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R1121 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|---------------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| R1301 | VRS-CJ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R1302 | VRK-SB1FF223JY | AA | | J | Resistor, 22k 1/32W Metal Composition |
| R1303 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R1304 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1305 | VRS-CZ1JF223JY | AA | | J | Resistor, 22k 1/16W Metal Oxide |
| R1306 | VRS-CZ1JF473FY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1307 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1308 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R1309 | VRS-CJ1JF473JY | AB | | J | Resistor, 47k 1/16W Metal Oxide |
| R1310 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1311 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R1314 | VRS-CZ1JF473FY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1315 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R1317 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1318 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1321 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1322 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1323 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R1324 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R1325 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1326 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1327 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1329 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1330 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1333 | VRS-CZ1JF223FY | AA | | J | Resistor, 22k 1/16W Metal Oxide |
| R1335 | VRS-CZ1JF562JY | AA | | J | Resistor, 5.6k 1/16W Metal Oxide |
| R1336 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1337 | VRS-CZ1JF103FY | AB | | J | Resistor, 10k 1/16W Metal Oxide |
| R1338 | VRS-CZ1JF332FY | AA | | J | Resistor, 3.3k 1/16W Metal Oxide |
| R1341 | VRS-CZ1JF153JY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R1401 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R1402 | VRS-CZ1JF105JY | AA | | J | Resistor, 1M 1/16W Metal Oxide |
| R1405 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1407 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1408 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1409 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1410 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1411 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1414 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1415 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1416 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1418 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1422 | VRS-CZ1JF4R7JY | AA | | J | Resistor, 4.7 1/16W Metal Oxide |
| R1423 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R1424 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1425 | VRS-CZ1JF4R7JY | AA | | J | Resistor, 4.7 1/16W Metal Oxide |
| R1426 | VRS-CJ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R1427 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1431 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1432 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1450 | VRS-CZ1JF330JY | AA | | J | Resistor, 33 1/16W Metal Oxide |
| R1604 | VRS-CZ1JF273JY | AA | | J | Resistor, 27k 1/16W Metal Oxide |
| R1606 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R1607 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1620 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1623 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1624 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1627 | VRS-CZ1JF473FY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1629 | VRS-CJ1JF473JY | AB | | J | Resistor, 47k 1/16W Metal Oxide |
| R1630 | VRS-CJ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1637 | VRS-CZ1JF473FY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R1640 | VRS-CJ1JF473JY | AB | | J | Resistor, 47k 1/16W Metal Oxide |
| R1641 | VRS-CJ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1665 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1666 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1668 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R1670 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1671 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R1674 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1676 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1677 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1678 | VRS-CZ1JF103FY | AB | | J | Resistor, 10k 1/16W Metal Oxide |
| R1679 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1680 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R1681 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R1682 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R1683 | VRS-CZ1JF751JY | AA | | J | Resistor, 750 1/16W Metal Oxide |
| R1684 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R1685 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R1688 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R1722 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R1723 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1724 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1725 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R1726 | VRS-CZ1JF331JY | AA | | J | Resistor, 330 1/16W Metal Oxide |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|----------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| R1727 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1728 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R1737 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1739 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1740 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1741 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1742 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1743 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1744 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1745 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R1746 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R2001 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2003 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R2004 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2006 | VRS-CZ1JF223JY | AA | | J | Resistor, 22k 1/16W Metal Oxide |
| R2007 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R2008 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R2009 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R2010 | VRS-CJ1JF333JY | AA | | J | Resistor, 33k 1/16W Metal Oxide |
| R2011 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R2012 | VRS-CH1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2014 | VRS-CJ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R2015 | VRS-CJ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2016 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2017 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R2018 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2019 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2022 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R2023 | VRS-CZ1JF473FY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R2024 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R2025 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2026 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2027 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2028 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R2029 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R2030 | VRS-CH1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2031 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2032 | VRS-CZ1JF223JY | AA | | J | Resistor, 22k 1/16W Metal Oxide |
| R2033 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2034 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R2035 | VRS-CZ1JF223JY | AA | | J | Resistor, 22k 1/16W Metal Oxide |
| R2037 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R2038 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2040 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2041 | VRS-CZ1JF152JY | AA | | J | Resistor, 1.5k 1/16W Metal Oxide |
| R2047 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2049 | VRS-CZ1JF272FY | AA | | J | Resistor, 2.7k 1/16W Metal Oxide |
| R2050 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2051 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R2052 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R2058 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R2068 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2071 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R2072 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R2076 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R2226 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R2227 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R2229 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2230 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2233 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2234 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R2238 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2239 | VRS-TV1JD750JY | AA | | J | Resistor, 75 1/10W Metal Oxide |
| R2240 | VRS-TV1JD750JY | AA | | J | Resistor, 75 1/10W Metal Oxide |
| R2241 | VRS-TV1JD750JY | AA | | J | Resistor, 75 1/10W Metal Oxide |
| R2242 | VRS-CZ1JF330JY | AA | | J | Resistor, 33 1/16W Metal Oxide |
| R2243 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2244 | VRS-CZ1JF183JY | AA | | J | Resistor, 18k 1/16W Metal Oxide |
| R2245 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2246 | VRS-CZ1JF183JY | AA | | J | Resistor, 18k 1/16W Metal Oxide |
| R2247 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2248 | VRS-CZ1JF183JY | AA | | J | Resistor, 18k 1/16W Metal Oxide |
| R2249 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2250 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2251 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R2252 | VRS-CZ1JF330JY | AA | | J | Resistor, 33 1/16W Metal Oxide |
| R2253 | VRS-CZ1JF561JY | AA | | J | Resistor, 560 1/16W Metal Oxide |
| R2254 | VRS-CZ1JF561JY | AA | | J | Resistor, 560 1/16W Metal Oxide |
| R2255 | VRS-CZ1JF561JY | AA | | J | Resistor, 560 1/16W Metal Oxide |
| R2256 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R2257 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R2258 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R2259 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R2260 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R2261 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|----------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| R2262 | VRS-CZ1JF100JY | AA | | J | Resistor, 10 1/16W Metal Oxide |
| R2279 | VRS-CZ1JF392JY | AA | | J | Resistor, 3.9k 1/16W Metal Oxide |
| R2280 | VRS-CZ1JF202JY | AA | | J | Resistor, 2k 1/16W Metal Oxide |
| R2305 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R2313 | VRS-CZ1JF750JY | AA | | J | Resistor, 75 1/16W Metal Oxide |
| R2314 | VRS-CZ1JF390JY | AA | | J | Resistor, 39 1/16W Metal Oxide |
| R2603 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R2604 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R2623 | VRS-CZ1JF105JY | AA | | J | Resistor, 1M 1/16W Metal Oxide |
| R2713 | VRS-TV1JD000JY | AA | | J | Resistor, 0 1/10W Metal Oxide |
| R2714 | VRS-TV1JD000JY | AA | | J | Resistor, 0 1/10W Metal Oxide |
| R2715 | VRS-CZ1JF224FY | AA | | J | Resistor, 220k 1/16W Metal Oxide |
| R2717 | VRS-CZ1JF273FY | AA | | J | Resistor, 27k 1/16W Metal Oxide |
| R2718 | VRS-CZ1JF123JY | AA | | J | Resistor, 12k 1/16W Metal Oxide |
| R2719 | VRS-CZ1JF203JY | AA | | J | Resistor, 20k 1/16W Metal Oxide |
| R2726 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R2730 | VRS-CZ1JF224JY | AA | | J | Resistor, 220k 1/16W Metal Oxide |
| R2741 | VRS-CZ1JF753JY | AA | | J | Resistor, 75k 1/16W Metal Oxide |
| R2742 | VRS-CZ1JF203JY | AA | | J | Resistor, 20k 1/16W Metal Oxide |
| R2744 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R2752 | VRS-CZ1JF224JY | AA | | J | Resistor, 220k 1/16W Metal Oxide |
| R2753 | VRS-CZ1JF683FY | AA | | J | Resistor, 68k 1/16W Metal Oxide |
| R2754 | VRS-CZ1JF223FY | AA | | J | Resistor, 22k 1/16W Metal Oxide |
| R5102 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5107 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5109 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5111 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5113 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5115 | VRS-CZ1JF105JY | AA | | J | Resistor, 1M 1/16W Metal Oxide |
| R5117 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5118 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R5119 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R5120 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R5121 | VRS-CZ1JF331JY | AA | | J | Resistor, 330 1/16W Metal Oxide |
| R5122 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5124 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5126 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5129 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5139 | VRS-CZ1JF103FY | AB | | J | Resistor, 10k 1/16W Metal Oxide |
| R5141 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5142 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R5143 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R5144 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R5145 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R5146 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R5147 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R5148 | VRS-CH1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R5149 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R5150 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R5202 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5203 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5209 | VRS-CZ1JF752FY | AA | | J | Resistor, 7.5k 1/16W Metal Oxide |
| R5210 | VRS-CZ1JF301JY | AA | | J | Resistor, 300 1/16W Metal Oxide |
| R5211 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5213 | VRS-CZ1JF243FY | AA | | J | Resistor, 24k 1/16W Metal Oxide |
| R5214 | VRS-CZ1JF243FY | AA | | J | Resistor, 24k 1/16W Metal Oxide |
| R5217 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R5218 | VRS-CZ1JF103FY | AB | | J | Resistor, 10k 1/16W Metal Oxide |
| R5225 | VRS-CZ1JF332FY | AA | | J | Resistor, 3.3k 1/16W Metal Oxide |
| R5227 | VRS-CZ1JF301JY | AA | | J | Resistor, 300 1/16W Metal Oxide |
| R5228 | VRS-CZ1JF332FY | AA | | J | Resistor, 3.3k 1/16W Metal Oxide |
| R5232 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5236 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5237 | VRS-CZ1JF183FY | AA | | J | Resistor, 18k 1/16W Metal Oxide |
| R5238 | VRS-CZ1JF912FY | AA | | J | Resistor, 9.1k 1/16W Metal Oxide |
| R5239 | VRS-CZ1JF913JY | AA | | J | Resistor, 91k 1/16W Metal Oxide |
| R5240 | VRS-CZ1JF183FY | AA | | J | Resistor, 18k 1/16W Metal Oxide |
| R5241 | VRS-CZ1JF163FY | AB | | J | Resistor, 16k 1/16W Metal Oxide |
| R5242 | VRS-CZ1JF913FY | AA | | R | Resistor, 91k 1/16W Metal Oxide |
| R5402 | VRS-CZ1JF563JY | AA | | J | Resistor, 56k 1/16W Metal Oxide |
| R5403 | VRS-CZ1JF513FY | AA | | R | Resistor, 51k 1/16W Metal Oxide |
| R5404 | VRS-CZ1JF203FY | AA | | R | Resistor, 20k 1/16W Metal Oxide |
| R5405 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R5406 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5407 | VRS-CZ1JF203FY | AA | | R | Resistor, 20k 1/16W Metal Oxide |
| R5408 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R5409 | VRS-CZ1JF303FY | AA | | J | Resistor, 30k 1/16W Metal Oxide |
| R5410 | VRS-TW2HF3R3JY | AA | | J | Resistor, 3.3 1/2W Metal Oxide |
| R5411 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R5412 | VRS-CZ1JF204FY | AA | | J | Resistor, 200k 1/16W Metal Oxide |
| R5413 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5414 | VRS-CZ1JF183FY | AA | | J | Resistor, 18k 1/16W Metal Oxide |
| R5415 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5416 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5417 | VRS-CZ1JF153FY | AA | | J | Resistor, 15k 1/16W Metal Oxide |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|-------------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| R5418 | VRS-CZ1JF153FY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R5419 | VRS-CZ1JF1R0JY | AA | | J | Resistor, 1 1/16W Metal Oxide |
| R5420 | VRS-CZ1JF1R0JY | AA | | J | Resistor, 1 1/16W Metal Oxide |
| R5423 | VRS-CZ1JF1R0JY | AA | | J | Resistor, 1 1/16W Metal Oxide |
| R5426 | VRS-CZ1JF513FY | AA | | R | Resistor, 51k 1/16W Metal Oxide |
| R5427 | VRS-CZ1JF102FY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R5428 | VRS-CZ1JF390FY | AA | | J | Resistor, 39 1/16W Metal Oxide |
| R5429 | VRS-CZ1JF183FY | AA | | J | Resistor, 18k 1/16W Metal Oxide |
| R5430 | VRS-CZ1JF203FY | AA | | R | Resistor, 20k 1/16W Metal Oxide |
| R5431 | VRS-CZ1JF113FY | AA | | J | Resistor, 11k 1/16W Metal Oxide |
| R5432 | VRS-CZ1JF512FY | AA | | J | Resistor, 5.1k 1/16W Metal Oxide |
| R5433 | VRS-CZ1JF1R0JY | AA | | J | Resistor, 1 1/16W Metal Oxide |
| R5434 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R5435 | VRS-CZ1JF682FY | AA | | J | Resistor, 6.8k 1/16W Metal Oxide |
| R5436 | VRS-CZ1JF204FY | AA | | J | Resistor, 200k 1/16W Metal Oxide |
| R5437 | VRS-CZ1JF183FY | AA | | J | Resistor, 18k 1/16W Metal Oxide |
| R5438 | VRS-CZ1JF683FY | AA | | J | Resistor, 68k 1/16W Metal Oxide |
| R5439 | VRS-CZ1JF393FY | AA | | J | Resistor, 39k 1/16W Metal Oxide |
| R5440 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R5442 | VRS-CZ1JF153FY | AA | | J | Resistor, 15k 1/16W Metal Oxide |
| R5444 | VRS-CZ1JF334FY | AA | | J | Resistor, 330k 1/16W Metal Oxide |
| R5445 | VRS-CZ1JF753FY | AA | | R | Resistor, 75k 1/16W Metal Oxide |
| R5446 | VRS-CZ1JF133FY | AA | | J | Resistor, 13k 1/16W Metal Oxide |
| R5447 | VRS-CZ1JF753FY | AA | | R | Resistor, 75k 1/16W Metal Oxide |
| R5448 | VRS-CZ1JF391JY | AA | | J | Resistor, 390 1/16W Metal Oxide |
| R5451 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R5452 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5453 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5454 | VRS-CZ1JF332JY | AA | | J | Resistor, 3.3k 1/16W Metal Oxide |
| R5455 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R5457 | VRS-CZ1JF332FY | AA | | J | Resistor, 3.3k 1/16W Metal Oxide |
| R5458 | VRS-CZ1JF511FY | AA | | J | Resistor, 510 1/16W Metal Oxide |
| R5459 | VRS-CZ1JF1R0JY | AA | | J | Resistor, 1 1/16W Metal Oxide |
| R5460 | VRS-CZ1JF1R0JY | AA | | J | Resistor, 1 1/16W Metal Oxide |
| R5461 | VRS-CZ1JF474JY | AA | | J | Resistor, 470k 1/16W Metal Oxide |
| R5464 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5465 | VRS-CZ1JF105JY | AA | | J | Resistor, 1M 1/16W Metal Oxide |
| R5466 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R5467 | VRS-TQ2BD511JY | AA | | J | Resistor, 510 1/8W Metal Oxide |
| R5468 | VRS-TQ2BD511JY | AA | | J | Resistor, 510 1/8W Metal Oxide |
| R5469 | VRS-TQ2BD511JY | AA | | J | Resistor, 510 1/8W Metal Oxide |
| R5470 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R5484 | VRK-SB1FF000JY | AA | | J | Resistor, 0 1/32W Metal Composition |
| R5486 | VRK-SB1FF000JY | AA | | J | Resistor, 0 1/32W Metal Composition |
| R5489 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5490 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5492 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5493 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R5507 | VRS-CZ1JF913FY | AA | | R | Resistor, 91k 1/16W Metal Oxide |
| R5508 | VRS-CZ1JF133FY | AA | | J | Resistor, 13k 1/16W Metal Oxide |
| R5510 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R5511 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R5512 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8002 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8003 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8004 | VRS-CZ1JF472FY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8005 | VRS-CK1JF470JY | AB | | J | Resistor, 47 1/16W Metal Oxide |
| R8006 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8007 | VRS-CK1JF470JY | AB | | J | Resistor, 47 1/16W Metal Oxide |
| R8008 | VRS-CK1JF470JY | AB | | J | Resistor, 47 1/16W Metal Oxide |
| R8009 | VRS-CK1JF470JY | AB | | J | Resistor, 47 1/16W Metal Oxide |
| R8010 | VRS-CK1JF470JY | AB | | J | Resistor, 47 1/16W Metal Oxide |
| R8011 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8013 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8014 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8015 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8016 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8017 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8018 | VRS-CK1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8021 | VRS-CZ1JF750JY | AA | | J | Resistor, 75 1/16W Metal Oxide |
| R8023 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R8024 | VRS-CH1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R8025 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R8026 | VRS-CZ1JF272JY | AA | | J | Resistor, 2.7k 1/16W Metal Oxide |
| R8029 | VRS-CZ1JF272JY | AA | | J | Resistor, 2.7k 1/16W Metal Oxide |
| R8030 | VRS-CZ1JF472FY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8038 | VRS-CZ1JF511FY | AA | | J | Resistor, 510 1/16W Metal Oxide |
| R8039 | VRS-CZ1JF511FY | AA | | J | Resistor, 510 1/16W Metal Oxide |
| R8040 | VRS-CZ1JF561JY | AA | | J | Resistor, 560 1/16W Metal Oxide |
| R8042 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R8043 | VRS-CZ1JF101JY | AA | | J | Resistor, 100 1/16W Metal Oxide |
| R8056 | VRS-TV1JD000JY | AA | | J | Resistor, 0 1/10W Metal Oxide |
| R8059 | VRS-CZ1JF272JY | AA | | J | Resistor, 2.7k 1/16W Metal Oxide |
| R8060 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8065 | VRS-CZ1JF272JY | AA | | J | Resistor, 2.7k 1/16W Metal Oxide |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|-------------------------------|----------------|------------|----------|---------------|--------------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| R8084 | VRS-CZ1JF272JY | AA | | J | Resistor, 2.7k 1/16W Metal Oxide |
| R8087 | VRS-CZ1JF561FY | AA | | J | Resistor, 560 1/16W Metal Oxide |
| R8088 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8089 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8090 | VRS-CZ1JF330JY | AA | | J | Resistor, 33 1/16W Metal Oxide |
| R8093 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8094 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8097 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8099 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8100 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8101 | VRS-CZ1JF472FY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8102 | VRS-CZ1JF472FY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8103 | VRS-CZ1JF472FY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8104 | VRS-CZ1JF472FY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8114 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8116 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8124 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8135 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R8137 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8138 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8139 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8140 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8142 | VRS-CZ1JF392JY | AA | | J | Resistor, 3.9k 1/16W Metal Oxide |
| R8143 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8144 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8145 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8146 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8147 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R8151 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8152 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8153 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8154 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8155 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8156 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8163 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8167 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8168 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8169 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8170 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8171 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8172 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8173 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8174 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8181 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8182 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8183 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8186 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8187 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8188 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8189 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8190 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8191 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8198 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8199 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8200 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8201 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8202 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8203 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8204 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8205 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8206 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8207 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8208 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8215 | VRS-CZ1JF680JY | AB | | J | Resistor, 68 1/16W Metal Oxide |
| R8216 | VRS-CZ1JF680JY | AB | | J | Resistor, 68 1/16W Metal Oxide |
| R8217 | VRS-CZ1JF680JY | AB | | J | Resistor, 68 1/16W Metal Oxide |
| R8218 | VRS-CZ1JF680JY | AB | | J | Resistor, 68 1/16W Metal Oxide |
| R8225 | VRS-CZ1JF680JY | AB | | J | Resistor, 68 1/16W Metal Oxide |
| R8226 | VRS-CZ1JF680JY | AB | | J | Resistor, 68 1/16W Metal Oxide |
| R8227 | VRS-CZ1JF680JY | AB | | J | Resistor, 68 1/16W Metal Oxide |
| R8228 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8230 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8231 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8232 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8233 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8240 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8241 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8242 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8243 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8244 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8245 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8246 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8247 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8248 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |
| R8251 | VRS-CZ1JF220JY | AA | | J | Resistor, 22 1/16W Metal Oxide |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|----------------|------------|----------|---------------|--------------------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| R8255 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8257 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8258 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8259 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8260 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8268 | VRK-SB1FF680JY | AA | | J | Resistor, 68 1/32W Metal Composition |
| R8269 | VRK-SB1FF220JY | AA | | J | Resistor, 22 1/32W Metal Composition |
| R8270 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8451 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8452 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R8456 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8457 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8474 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8475 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R8902 | VRS-CZ1JF105JY | AA | | J | Resistor, 1M 1/16W Metal Oxide |
| R8903 | VRS-CZ1JF105JY | AA | | J | Resistor, 1M 1/16W Metal Oxide |
| R9001 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R9002 | VRS-CZ1JF000JY | AA | | J | Resistor, 0 1/16W Metal Oxide |
| R9003 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R9007 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R9008 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9009 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9010 | VRS-CZ1JF182JY | AA | | J | Resistor, 1.8k 1/16W Metal Oxide |
| R9011 | VRS-CZ1JF182JY | AA | | J | Resistor, 1.8k 1/16W Metal Oxide |
| R9012 | VRS-CJ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9014 | VRS-CJ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9018 | VRS-CZ1JF272JY | AA | | J | Resistor, 2.7k 1/16W Metal Oxide |
| R9034 | VRS-CZ1JF152JY | AA | | J | Resistor, 1.5k 1/16W Metal Oxide |
| R9035 | VRS-CZ1JF152JY | AA | | J | Resistor, 1.5k 1/16W Metal Oxide |
| R9209 | VRS-CZ1JF470JY | AA | | J | Resistor, 47 1/16W Metal Oxide |
| R9302 | VRS-CH1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9305 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R9306 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R9308 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R9310 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9313 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R9314 | VRS-CZ1JF272JY | AA | | J | Resistor, 2.7k 1/16W Metal Oxide |
| R9315 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9316 | VRS-CZ1JF473JY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R9317 | VRS-CH1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9318 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R9319 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R9324 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R9601 | VRS-CZ1JF222JY | AA | | J | Resistor, 2.2k 1/16W Metal Oxide |
| R9602 | VRS-CZ1JF473FY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R9603 | VRS-CZ1JF562JY | AA | | J | Resistor, 5.6k 1/16W Metal Oxide |
| R9604 | VRS-CZ1JF823JY | AA | | J | Resistor, 82k 1/16W Metal Oxide |
| R9605 | VRS-CZ1JF393JY | AA | | J | Resistor, 39k 1/16W Metal Oxide |
| R9606 | VRS-CZ1JF224JY | AA | | J | Resistor, 220k 1/16W Metal Oxide |
| R9607 | VRS-CZ1JF122JY | AA | | J | Resistor, 1.2k 1/16W Metal Oxide |
| R9608 | VRS-CZ1JF473FY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| R9609 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9610 | VRS-CZ1JF682JY | AA | | J | Resistor, 6.8k 1/16W Metal Oxide |
| R9611 | VRS-CZ1JF393FY | AA | | J | Resistor, 39k 1/16W Metal Oxide |
| R9612 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9613 | VRS-CZ1JF223JY | AA | | J | Resistor, 22k 1/16W Metal Oxide |
| R9614 | VRS-CZ1JF103FY | AB | | J | Resistor, 10k 1/16W Metal Oxide |
| R9616 | VRS-CZ1JF183FY | AA | | J | Resistor, 18k 1/16W Metal Oxide |
| R9617 | VRS-CZ1JF331JY | AA | | J | Resistor, 330 1/16W Metal Oxide |
| R9625 | VRS-CZ1JF103FY | AB | | J | Resistor, 10k 1/16W Metal Oxide |
| R9629 | VRS-CZ1JF103FY | AB | | J | Resistor, 10k 1/16W Metal Oxide |
| R9641 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9642 | VRS-CZ1JF103FY | AB | | J | Resistor, 10k 1/16W Metal Oxide |
| R9643 | VRS-CZ1JF223FY | AA | | J | Resistor, 22k 1/16W Metal Oxide |
| R9644 | VRS-CZ1JF392JY | AA | | J | Resistor, 3.9k 1/16W Metal Oxide |
| R9704 | VRS-CZ1JF472JY | AA | | J | Resistor, 4.7k 1/16W Metal Oxide |
| R9705 | VRS-CZ1JF102JY | AA | | J | Resistor, 1k 1/16W Metal Oxide |
| R9736 | VRS-CZ1JF103JY | AA | | J | Resistor, 10k 1/16W Metal Oxide |
| R9738 | VRS-CZ1JF104JY | AA | | J | Resistor, 100k 1/16W Metal Oxide |
| R9739 | VRS-CZ1JF333FY | AA | | J | Resistor, 33k 1/16W Metal Oxide |
| R9740 | VRS-CZ1JF273JY | AA | | J | Resistor, 27k 1/16W Metal Oxide |
| R9741 | VRS-CZ1JF473FY | AA | | J | Resistor, 47k 1/16W Metal Oxide |
| SC1601 | QSOCZA136WJZZQ | AG | | J | Socket, 23pin |
| SC1602 | QSOCZA136WJZZQ | AG | | J | Socket, 23pin |
| SC2201 | QSOCA716WJZZ | AM | | J | Socket, 17pin |
| SC5201 | QCNCW2367WJZZY | AG | | J | Connector, 80pin |
| SC5202 | QCNCW2367WJZZY | AG | | J | Connector, 80pin |
| SG1601 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1602 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1603 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1604 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1607 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1608 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1609 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1610 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------------------|------------------|---------------|-------------|------------------|----------------------------|
| [5] DUNTKE450FM01 (MAIN Unit) | | | | | |
| SG1613 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1614 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1615 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1616 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1619 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1620 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1621 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| SG1622 | RH-VXA187WJQZY | AB | | J | Discharge Gap, EZAEG2A50AX |
| TH2001 | VHHM1103J03-1Y | AC | | J | Thermistor |
| TU1101 | RTUDAA016WJQZ | BD | | J | Tuner |
| VA8001 | RH-VXA074WJZZY | AB | | J | Varistor, AVRL101A1R1NTB |
| VA8002 | RH-VXA074WJZZY | AB | | J | Varistor, AVRL101A1R1NTB |
| X1401 | RCRSCA145WJZZY | AE | | J | Crystal, 12.288MHz |
| X2002 | RF i LZA023WJQZY | AD | | J | Filter |
| X8001 | RCRSCA167WJQZY | AG | | J | Crystal |

[6] NOTE (Conductive cloth tape/Gasket)

Added parts

Conductive Cloth Tape

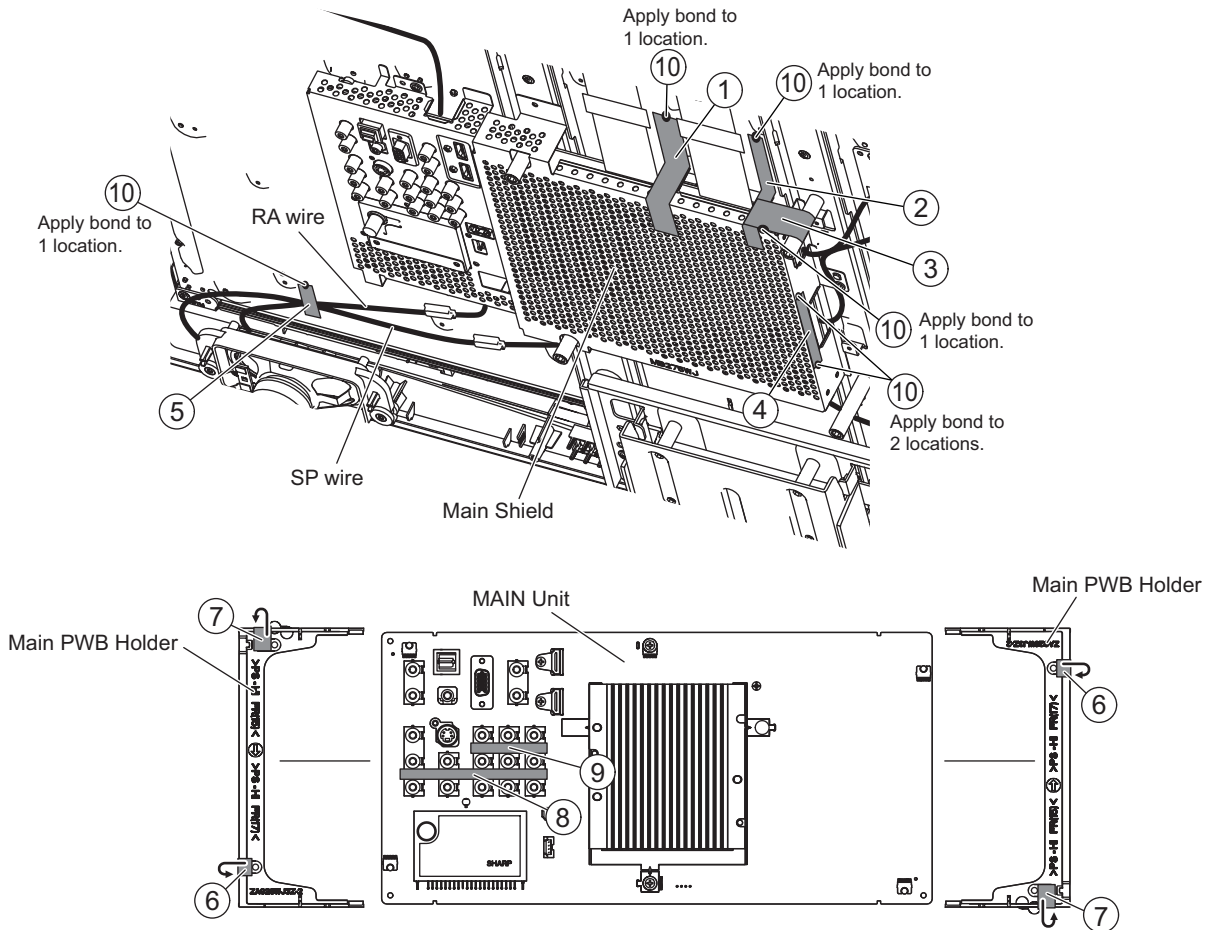
| | | | |
|----------------------------|--------|----------------|--------|
| Parts code: ①PSLDMB359WJZZ | Q'ty 1 | ②PSLDMB360WJZZ | Q'ty 1 |
| ③PSLDMB276WJKZ | Q'ty 1 | ④PSLDMB375WJKZ | Q'ty 1 |
| ⑤QEARZA123WJZZ | Q'ty 1 | ⑥PSLDMB361WJZZ | Q'ty 2 |
| ⑦PSLDMB362WJZZ | Q'ty 2 | | |

Gasket

| | | | |
|----------------------------|--------|----------------|--------|
| Parts code: ⑧PMLT-A533WJZZ | Q'ty 1 | ⑨PMLT-A534WJZZ | Q'ty 1 |
|----------------------------|--------|----------------|--------|

Bond

Parts code: ⑩ZSLCN-098P2KE (One 150g tube)

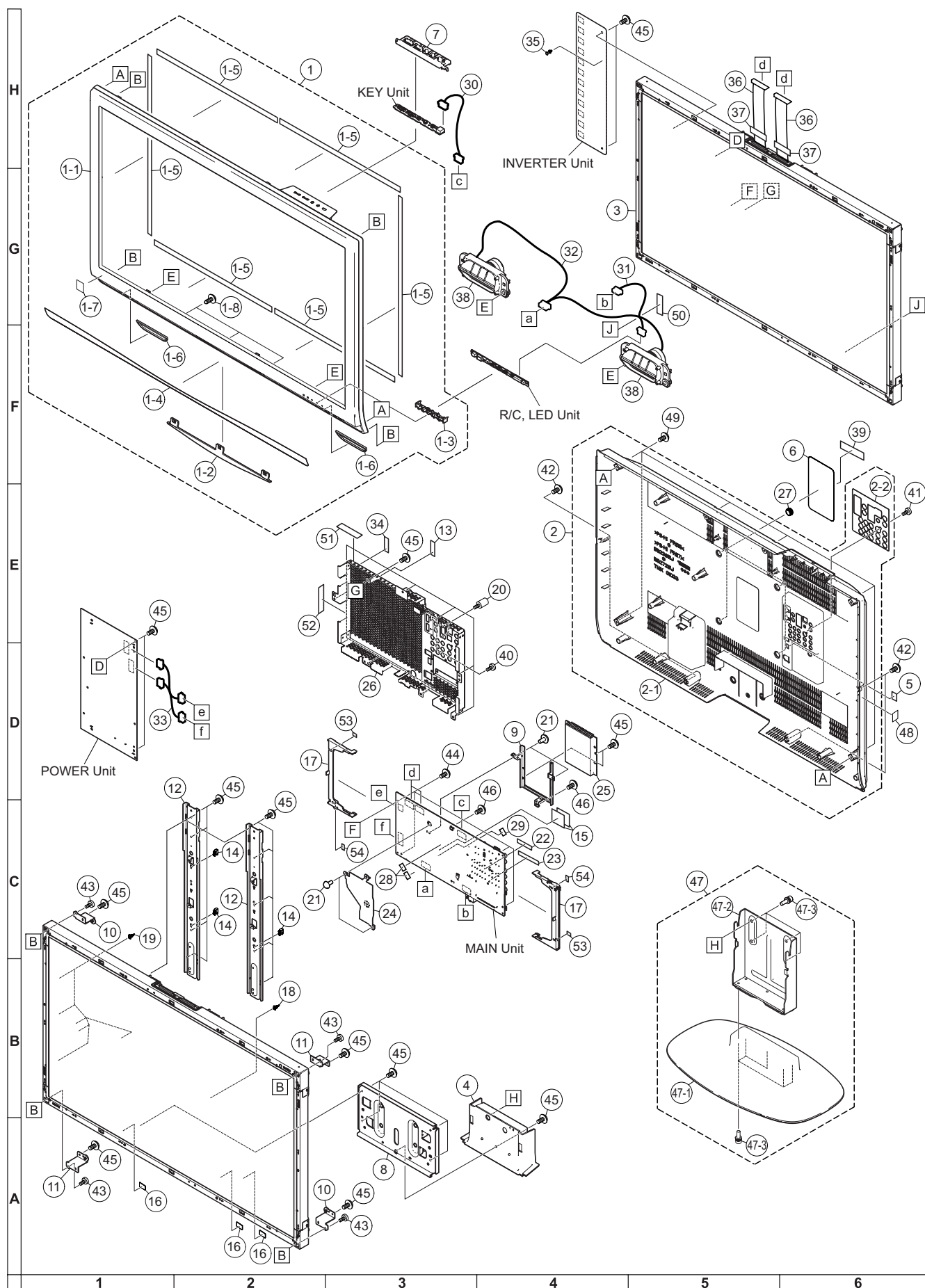


Attention

When peeling off the conductive cloth tape/gasket for repair, please use the NEW conductive cloth tape/gasket. (When using the conductive cloth tape/gasket again, keep in mind the decrease in the adhesive power of the conductive cloth tape/gasket. The purpose of using the NEW conductive cloth tape/gasket is to prevent the conductive cloth tape/gasket from peeling off.)

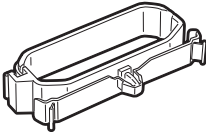
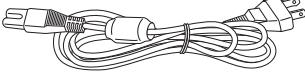



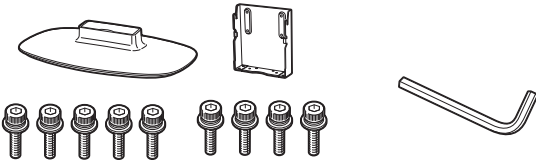
| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--|---------------|------------|----------|---------------|---------------------------|
| [6] NOTE (Conductive cloth tape/Gasket) | | | | | |
| 1 | PSLDMB359WJZZ | AG | N | X | Conductive Cloth Tape |
| 2 | PSLDMB360WJZZ | AE | N | X | Conductive Cloth Tape |
| 3 | PSLDMB276WJKZ | AE | N | X | Conductive Cloth Tape |
| 4 | PSLDMB375WJKZ | AF | N | X | Conductive Cloth Tape |
| 5 | QEARZA123WJZZ | AD | N | X | Conductive Cloth Tape |
| 6 | PSLDMB361WJZZ | AC | N | X | Conductive Cloth Tape, x2 |
| 7 | PSLDMB362WJZZ | AC | N | X | Conductive Cloth Tape, x2 |
| 8 | PMLT-A533WJZZ | AD | N | X | Gasket |
| 9 | PMLT-A534WJZZ | AC | N | X | Gasket |
| 10 | ZSLCN-098P2KE | BH | | J | One 150g tube |

[7] CABINET AND MECHANICAL PARTS



| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|---|----------------|------------|----------|---------------|------------------------------------|
| [7] CABINET AND MECHANICAL PARTS | | | | | |
| 1 | CCABAB986WJ31 | BV | N | X | Front Cabinet Ass'y |
| 1-1 | Not Available | - | N | - | Front Cabinet |
| 1-2 | Not Available | - | N | - | Decoration Plate (Center) |
| 1-3 | Not Available | - | N | - | LED Decoration |
| 1-4 | Not Available | - | N | - | Speaker Net |
| 1-5 | PSPAHB408WJZZ | AC | N | X | Spacer, x6 |
| 1-6 | Not Available | - | N | - | SP Spacer, x2 |
| 1-7 | TLABZA635WJZZ | AC | | J | E-Star Label |
| 1-8 | XJPSN30P08XS0 | AA | | J | Screw, x3 |
| 2 | CCABBB238WJK1 | BQ | N | X | Rear Cabinet Ass'y |
| 2-1 | Not Available | - | N | - | Rear Cabinet |
| 2-2 | HINDPC686WJSA | AG | N | X | Terminal Label |
| 3 | R1LK370T3GW20Z | EC | N | J | 37" Wide LCD Panel Module Unit |
| 4 | GCOVAC612WJ3A | AK | N | X | Bottom Cover |
| 5 | HINDPB715WJSA | AF | | X | Terminal Label |
| 6 | HINDPC688WJZZ | AE | N | X | Model Label |
| 7 | JBTN-A718WJ3A | AF | N | X | Operation Button |
| 8 | LANGKB343WJZZ | AR | N | X | Stand Fix Angle |
| 9 | LANGKB346WJFW | AH | N | X | Heat Sink Fix Angle |
| 10 | LANGKB366WJFW | AD | N | X | LCD Fix Angle-T, x2 |
| 11 | LANGKB367WJFW | AD | N | X | LCD Fix Angle-B, x2 |
| 12 | LANGTA478WJZZ | AR | N | X | VESA Angle, x2 |
| 13 | PSLDMB359WJZZ | AG | N | X | Conductive Cloth Tape |
| 14 | LHLDWA143WJKZ | AC | | J | Wire Holder, x3 |
| 15 | PSPAZB598WJKZ | AP | | X | Conductive Sheet, x2 |
| 16 | LHLDWA175WJUJ | AC | | J | Wire Holder, x3 |
| 17 | LHLDZA928WJ3Z | AG | N | X | Main PWB Holder, x2 |
| 18 | LHLDZA933WJKZ | AB | | J | Wire Holder |
| 19 | LHLDZA934WJKZ | AB | | J | Wire Holder, x6 |
| 20 | NSFTZ0134CEFW | AD | | J | Shaft, x2 |
| 21 | PCLICA004WJKZ | AC | | J | Rivet, x4 |
| 22 | PMLT-A534WJZZ | AC | N | X | Gasket |
| 23 | PMLT-A533WJZZ | AD | N | X | Gasket |
| 24 | PRDARA495WJFW | AH | | X | Heat Sink |
| 25 | PRDARA510WJFW | AR | | X | Heat Sink |
| 26 | PSLDMB275WJZZ | AQ | N | X | Main Shield |
| 27 | PSPAKA237WJ00 | AA | | X | Spacer, x4 |
| 28 | PSPAZB086WJKZ | AD | | J | Spacer, x2 |
| 29 | PSPAZA917WJKZ | AH | | J | Cool Sheet |
| 30 | QCNW-G729WJQZ | AF | N | X | Connecting Cord (KEY - MAIN) |
| 31 | QCNW-G730WJQZ | AK | N | X | Connecting Cord (LED - MAIN) |
| 32 | QCNW-G731WJQZ | AK | N | X | Connecting Cord (SP - MAIN) |
| 33 | QCNW-G732WJQZ | AM | N | X | Connecting Cord (POWER - MAIN) |
| 34 | PSLDMB360WJZZ | AE | N | X | Conductive Cloth Tape |
| 35 | PSPAZB202WJKZ | AB | | J | Spacer (for INV PWB) |
| 36 | QPBWME513WJPZ | AQ | N | X | Connecting Cord (LCD-FPC-MAIN), x2 |
| 37 | RCORFA061WJZZ | AG | | J | Core, x2 |
| 38 | RSP-ZA310WJZZ | AQ | N | X | Speaker (L/R), x2 |
| 39 | Not Available | - | N | - | Serial No. Label (Back) |
| 40 | XBPS830P06000 | AA | | J | Screw (for HDMI), x2 |
| 41 | XEBS930P10000 | AA | | J | Screw (for S-Terminal) |
| 42 | XEBS940P16000 | AB | | J | Screw (for CAB A B), x4 |
| 43 | XEBSN40P10000 | AB | | J | Screw (for CAB A PANEL), x4 |
| 44 | XHPS730P16WS0 | AB | | J | Screw (for MAIN PWB), x4 |
| 45 | XHPS830P06WS0 | AA | | J | Screw (for Heat Sink), x32 |
| 46 | XHPS830P10WS0 | AB | | J | Screw (for MAIN PWB2), x2 |
| 47 | CDAI-A441WJ03 | BF | N | X | Stand Unit |
| 47-1 | Not Available | - | N | - | Stand Base Ass'y |
| 47-2 | Not Available | - | N | - | Stand Support Ass'y |
| 47-3 | Not Available | - | N | - | Screw (for Stand), x9 |
| 48 | Not Available | - | N | - | Serial No. Label (Side) |
| 49 | XBPS940P10JS0 | AB | | J | Screw (for CAB B Chassis), x6 |
| 50 | QEARZA123WJZZ | AD | | X | Conductive Cloth Tape |
| 51 | PSLDMB276WJKZ | AE | | X | Conductive Cloth Tape |
| 52 | PSLDMB375WJKZ | AF | N | X | Conductive Cloth Tape |
| 53 | PSLDMB361WJZZ | AC | N | X | Conductive Cloth Tape, x2 |
| 54 | PSLDMB362WJZZ | AC | N | X | Conductive Cloth Tape, x2 |
| 55 | ZSLCN-098P2KE | BH | | J | One 150g tube |

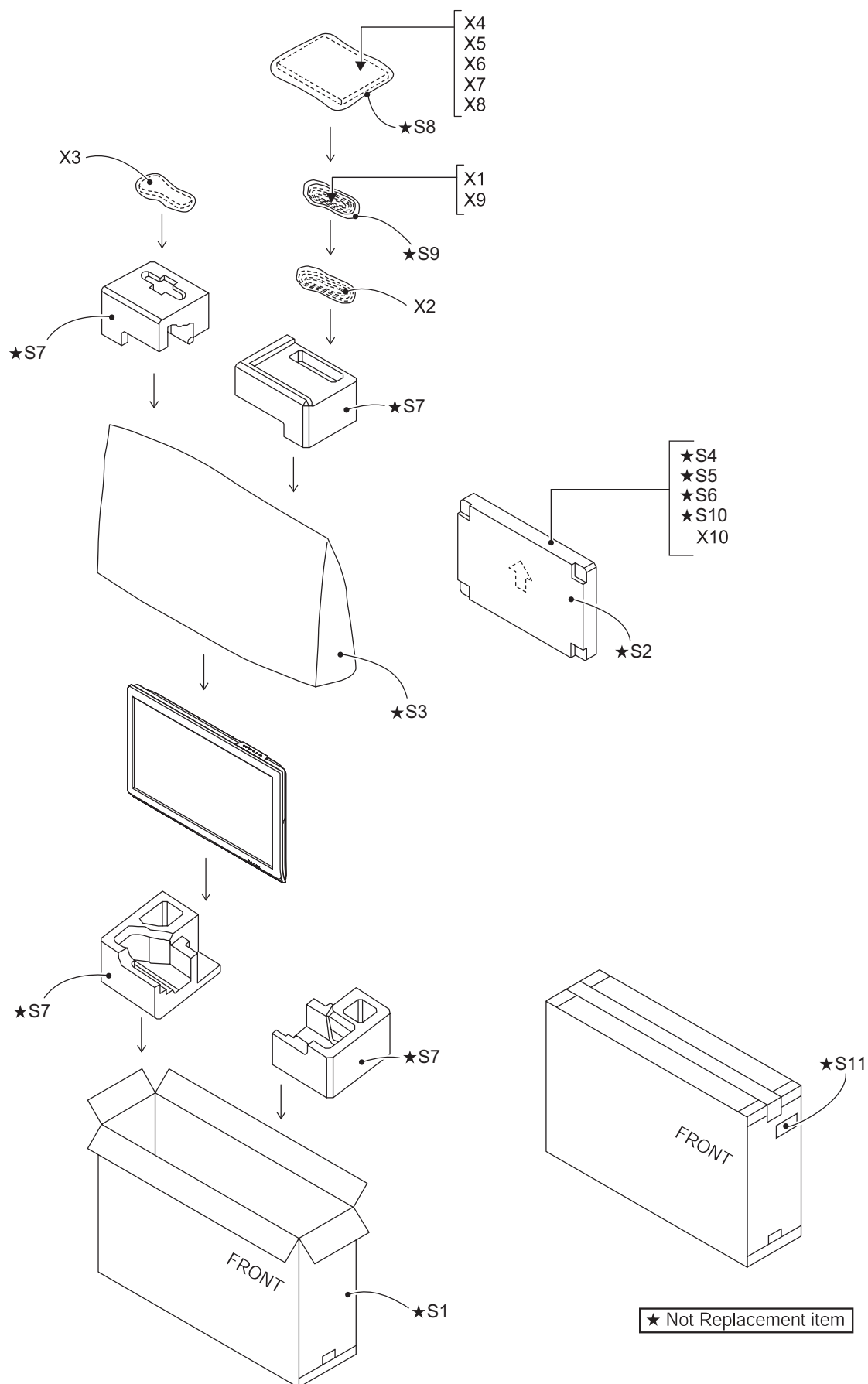
[8] SUPPLIED ACCESSORIES

| | | | | | | |
|---|--------------------|--|------------|--|---------------------|---|
| X1 | Cable Clamp | X2 | AC Cord | X3 | Remote Control Unit | Operation Manual |
|  | |  | |  | X6 X7 X8 |  |
| X9 | "AAA" Size Battery | X10 | Stand Unit | | | |
|  | |  | | | | |

| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|--------------------------|----------------|------------|----------|---------------|----------------------------|
| [8] SUPPLIED ACCESSORIES | | | | | |
| X1 | LHLDWA173WJKZ | AE | | J | Cable Clamp |
| X2 | QACCDAA039WJPZ | AQ | | J | AC Cord |
| X3 | RRMCGA667WJSA | AP | N | X | Remote Control Unit |
| X4 | TCADAEA208WJZZ | AD | | X | Enquete Card |
| X5 | TGAN-A768WJZZ | AD | | X | Extend Warranty |
| X6 | TiNS-D610WJZZ | AE | N | X | Operation Manual (English) |
| X7 | TiNS-D611WJZZ | AE | N | X | Operation Manual (French) |
| X8 | TiNS-D612WJZZ | AE | N | X | Operation Manual (Spanish) |
| X9 | Not Available | - | | - | "AAA" Size Battery |
| X10 | CDAi-A441WJ03 | BF | N | X | Stand Unit |



[9] PACKING PARTS (NOT REPLACEMENT ITEM)



| NO. | PARTS CODE | PRICE RANK | NEW MARK | PART DELIVERY | DESCRIPTION |
|---|---------------|---------------|-------------|------------------|--|
| [9] PACKING PARTS (NOT REPLACEMENT ITEM) | | | | | |
| S1 | SPAKCD945WJZZ | - | N | - | Packing Case |
| S2 | SPAKCE206WJZZ | - | N | - | Stand Case |
| S3 | SPAKPB046WJZZ | - | - | - | Wrapping Paper |
| S4 | SPAKPB053WJZZ | - | N | - | Mirror Mat Sup |
| S5 | SPAKPB054WJZZ | - | N | - | Mirror Mat Base |
| S6 | SPAKAA373WJZZ | - | N | - | Cover Sheet |
| S7 | SPAKXB804WJZZ | - | N | - | Packing Add. |
| S8 | SSAKA0101GJZZ | - | - | - | Polyethylene Bag |
| S9 | SSAKAA032WJZZ | - | - | - | Polyethylene Bag |
| S10 | SSAKHA042WJZZ | - | N | - | Polyethylene Bag for Screw |
| S11 | TLABKA009WJZZ | - | - | - | No. Label |
| [10] SERVICE JIG (USE FOR SERVICING) | | | | | |
| N N | QCNW-C222WJQZ | AW | | J | Connecting Cord (80pin FFC L=1000mm), x2 MAIN to LCD Panel Unit |
| N N | QCNW-G906WJQZ | BA | N | J | Connecting Cord (12pin L=1000mm) MAIN to POWER Unit (PD) |
| N N | QCNW-G907WJQZ | AW | N | J | Connecting Cord (7pin L=1000mm) MAIN to INVERTER Unit (LB) |

MEMO

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